

Kinase Substrate Set

Sequence Information Red Plate A

Sequence	Code	ID	Protein
DFRTRESTAKKIK	A-A1	RGS1_HUMAN	REGULATOR OF G-PROTEIN SIGNALING 1 (RGS1) (EARLY RESPONSE PROTEIN 1R20) (B-CELL ACTIVATION PROTEIN BL34).
PGPQSPGSPLEEE	A-A2	B060-G	NEUTROPHIL CYTOSOL FACTOR 2 (P47-PHOX)
GSRSRTPSLPTPP	A-A3	B154-C	MICROTUBULE-ASSOCIATED PROTEIN TAU
KELEKRASGQAFE	A-A4	STHM_HUMAN	STATHMIN (PHOSPHOPROTEIN P19) (PP19) (ONCOPROTEIN 18) (OP18) (LEUKEMIA-ASSOCIATED PHOSPHOPROTEIN P18) (PP17) (PROSOLIN) (METABLASTIN) (PR22 PROTEIN).
ALALARETIESLS	A-A5	CASB_HUMAN	BETA CASEIN .
TFPPAPGSPEPPH	A-A6	B257-A	EARLY E1A 32 KD PROTEIN
RSPKENLSPGFHSH	A-A7	MPP9_HUMAN	M-PHASE PHOSPHOPROTEIN 9 (FRAGMENT).
PTAGALYSGSEGD	A-A8	B296-A	SERUM RESPONSE FACTOR (SRF)
ASATVSKTETSQV	A-A9	OPSD_HUMAN	RHODOPSIN.
PSDLLPMSPSVYA	A-A10	STA4_HUMAN	SIGNAL TRANSDUCER AND ACTIVATOR OF TRANSCRIPTION 4.
TPSDSLIYDDGLS	A-A11	A051-D	PROTO-ONCOGENE TYROSINE-PROTEIN KINASE RECEPTOR RET
NNFDQDF'TREEPV	A-A12	KPCE_HUMAN	PROTEIN KINASE C, EPSILON TYPE (EC 2.7.1.-) (NPKC-EPSILON).
LVNSIAKTYVGTN	A-A13	MPK5_HUMAN	DUAL SPECIFICITY MITOGEN-ACTIVATED PROTEIN KINASE KINASE 5 (EC 2.7.1.-) (MAP KINASE KINASE 5) (MAPKK 5) (MAPK/ERK KINASE 5).
SGAQASSTPLSPT	A-A14	B176-H	LAMIN A (70 KD LAMIN)
AGERRKGTDVNVF	A-A15	B088-D	ANNEXIN I (LIPOCORTIN I) (CALPACTIN II)
RKPGLRRSPIKKV	A-A16	MYBB_HUMAN	MYB-RELATED PROTEIN B (B-MYB).
ASAASFYETILDP	A-A17	A041-B	ERYTHROPOIETIN RECEPTOR (EPO-R)
APNVHINTIEPVN	A-A18	KRAB_HUMAN	B-RAF PROTO-ONCOGENE SERINE/THREONINE-PROTEIN KINASE (EC 2.7.1.-) (P94).

ARIIDSEYTAQEG	A-A19	BLK_HUMAN	TYROSINE-PROTEIN KINASE BLK (EC 2.7.1.112) (B LYMPHOCYTE KINASE) (P55-BLK).
RKRSRKESYSVYV	A-A20	B014-C	HISTONE H2B
SDRKGGSYSQAAS	A-A21	B259-A	HLA CLASS I HISTOCOMPATIBILITY ANTIGEN, A-2 ALPHA CHAIN
LSRGEEVYVKKTM	A-A22	TIE1_HUMAN	TYROSINE-PROTEIN KINASE RECEPTOR TIE-1 (EC 2.7.1.112).
GFIDQNLSPTKGN	A-A23	TDP2_HUMAN	TRANSCRIPTION FACTOR DP-2 (E2F DIMERIZATION PARTNER 2).
FSLHDALSGSGNP	A-A24	LEG3_HUMAN	GALECTIN-3 (GALACTOSE-SPECIFIC LECTIN 3) (MAC-2 ANTIGEN) (IGE-BINDING PROTEIN) (35 KDA LECTIN) (CARBOHYDRATE BINDING PROTEIN 35) (CBP 35) (LAMININ-BINDING PROTEIN) (LECTIN L-29) (L-31) (GALACTOSIDE BINDING PROTEIN) (GALBP).
PLPSGLLTPPQSG	A-B1	CGE1_HUMAN	G1/S-SPECIFIC CYCLIN E1.
TMTFFKSKISTY	A-B2	B170-A	GLUTAMATE RECEPTOR 6 (GLUR-6) (GLUTAMATE RECEPTOR,
ELILKPPSPISEA	A-B3	SCG1_HUMAN	SCG10 PROTEIN (SUPERIOR CERVICAL GANGLION-10 PROTEIN).
STPKSKQSPISTP	A-B4	DCX_HUMAN	DOUBLECORTIN (LISSENCEPHALIN-X) (LIS-X) (DOUBLIN).
DSQGRNCSTNDL	A-B5	B204-C	BETA-2 ADRENERGIC RECEPTOR
SDGEFLRTSCGSP	A-B6	AAK1_HUMAN	5'-AMP-ACTIVATED PROTEIN KINASE, CATALYTIC ALPHA-1 CHAIN (EC 2.7.1.-) (AMPK ALPHA-1 CHAIN) (FRAGMENT).
MILLSELSRRRIR	A-B7	IF2A_HUMAN	EUKARYOTIC TRANSLATION INITIATION FACTOR 2 ALPHA SUBUNIT (EIF-2-ALPHA).
AFIAARGSFDGSS	A-B8	RK_HUMAN	RHODOPSIN KINASE (EC 2.7.1.125) (RK).
PPDAADASPVVAA	A-B9	MPP5_HUMAN	M-PHASE PHOSPHOPROTEIN 5 (FRAGMENT).
TKAQVPDSAGTAT	A-B10	PPBT_HUMAN	ALKALINE PHOSPHATASE, TISSUE-NONSPECIFIC ISOZYME (EC 3.1.3.1) (AP-TNAP) (LIVER/BONE/KIDNEY ISOZYME) (TNSALP).
LLADLTRSLSDNI	A-B11	DCX_HUMAN	DOUBLECORTIN (LISSENCEPHALIN-X) (LIS-X) (DOUBLIN).

QSRPRSCTWPLQR	A-B12	FXO3_HUMAN	FORKHEAD PROTEIN O3A (FORKHEAD IN RHABDOMYOSARCOMA-LIKE 1) (AF6Q21 PROTEIN).
GIPVRCYSAEVVT	A-B13	CDK5_HUMAN	CELL DIVISION PROTEIN KINASE 5 (EC 2.7.1.-) (TAU PROTEIN KINASE II CATALYTIC SUBUNIT) (TPKII CATALYTIC SUBUNIT) (SERINE/THREONINE-PROTEIN KINASE PSSALRE).
EKMWAFMSSRQQT	A-B14	GLK1_HUMAN	GLUTAMATE RECEPTOR, IONOTROPIC KAINATE 1 (GLUTAMATE RECEPTOR 5) (GLUR-5) (EXCITATORY AMINO ACID RECEPTOR 3) (EAA3).
LEKIGEGTYGTVF	A-B15	CDK5_HUMAN	CELL DIVISION PROTEIN KINASE 5 (EC 2.7.1.-) (TAU PROTEIN KINASE II CATALYTIC SUBUNIT) (TPKII CATALYTIC SUBUNIT) (SERINE/THREONINE-PROTEIN KINASE PSSALRE).
EGNNANYTEYVAT	A-B16	STK9_HUMAN	SERINE/THREONINE-PROTEIN KINASE 9 (EC 2.7.1.-).
EAILPRISVISTG	A-B17	CFTR_HUMAN	CYSTIC FIBROSIS TRANSMEMBRANE CONDUCTANCE REGULATOR (CFTR) (CAMP- DEPENDENT CHLORIDE CHANNEL).
REEEATRSEKKKA	A-B18	CIK4_HUMAN	VOLTAGE-GATED POTASSIUM CHANNEL PROTEIN KV1.4 (HK1) (HPCN2) (HBK4) (HUKII).
KFEEAERSLKDME	A-B19	G19P_HUMAN	PROTEIN KINASE C SUBSTRATE, 80 KDA PROTEIN, HEAVY CHAIN (PKCSH) (80K-H PROTEIN).
IAKRRRLSSLRAS	A-B20	RS6_HUMAN	40S RIBOSOMAL PROTEIN S6 (PHOSPHOPROTEIN NP33).
GVRQSRASDKQTL	A-B21	B054-B	T-CELL SURFACE GLYCOPROTEIN CD3 GAMMA CHAIN (T3 GAMMA CHAIN)
SKSKDVLSAAEVM	A-B22	RGS1_HUMAN	REGULATOR OF G-PROTEIN SIGNALING 1 (RGS1) (EARLY RESPONSE PROTEIN 1R20) (B-CELL ACTIVATION PROTEIN BL34).
DRIDEKLSEILGM	A-B23	RRPP_HRSVL	RNA POLYMERASE ALPHA SUBUNIT (EC 2.7.7.48) (PHOSPHOPROTEIN P).
ISLDNPDYQQDFE	A-B24	EGFR_HUMAN	EPIDERMAL GROWTH FACTOR RECEPTOR (EC 2.7.1.112).
ESLSYAPSPLQKP	A-C1	MPP5_HUMAN	M-PHASE PHOSPHOPROTEIN 5 (FRAGMENT).
KKPRRKDTPALHI	A-C2	GSUB_HUMAN	G-SUBSTRATE.
HSWPWQVSLRTRF	A-C3	PLMN_HUMAN	PLASMINOGEN (EC 3.4.21.7) [CONTAINS: ANGIOSTATIN].

SRKVGPGYLGSGG	A-C4	A051-B	PROTO-ONCOGENE TYROSINE-PROTEIN KINASE RECEPTOR RET
KQDSNPLYKSAIT	A-C5	ITB7_HUMAN	INTEGRIN BETA-7 .
RVKGRWTLCGTP	A-C6	KAPG_HUMAN	CAMP-DEPENDENT PROTEIN KINASE, GAMMA-CATALYTIC SUBUNIT (EC 2.7.1.37) (PKA C-GAMMA).
KSISERLSVLKGA	A-C7	MIP_HUMAN	LENS FIBER MAJOR INTRINSIC PROTEIN (MIP26) (MP26) (AQUAPORIN 0).
ITSTLASSFKRRR	A-C8	NMZ1_HUMAN	GLUTAMATE [NMDA] RECEPTOR SUBUNIT ZETA 1 (NR1).
SGRPRTTSFAESC	A-C9	KG3B_HUMAN	GLYCOGEN SYNTHASE KINASE-3 BETA (EC 2.7.1.37) (GSK-3 BETA).
SYEEHIPYTHMNG	A-C10	B141-I	INSULIN RECEPTOR (IR)
RYIEDEDYYKASV	A-C11	FAK2_HUMAN	FOCAL ADHESION KINASE 2 (EC 2.7.1.112) (FADK 2) (PROLINE-RICH TYROSINE KINASE 2) (CELL ADHESION KINASE BETA) (CAK BETA).
EETGTTEEYMKMDL	A-C12	IRS1_HUMAN	INSULIN RECEPTOR SUBSTRATE-1 (IRS-1).
TPRTPPPSQGKGR	A-C13	MBP_HUMAN	MYELIN BASIC PROTEIN (MBP).
DMKVRKSSTPEEV	A-C14	COF1_HUMAN	COFILIN, NON-MUSCLE ISOFORM.
ATDYHTTSHPGTH	A-C15	B3AT_HUMAN	BAND 3 ANION TRANSPORT PROTEIN (ANION EXCHANGE PROTEIN 1) (AE 1).
VDLSKVTSKCGSL	A-C16	B154-F	MICROTUBULE-ASSOCIATED PROTEIN TAU
GAEIVYKSPVVS	A-C17	B154-I	MICROTUBULE-ASSOCIATED PROTEIN TAU
AGGRRISDSHED	A-C18	MYPC_HUMAN	MYOSIN-BINDING PROTEIN C, CARDIAC-TYPE (CARDIAC MYBP-C) (C-PROTEIN, CARDIAC MUSCLE ISOFORM).
PKLGRRHSMENME	A-C19	LGN_HUMAN	MOSAIC PROTEIN LGN.
FVSNRKPSKDKDK	A-C20	B166-A	GAMMA-AMINOBUTYRIC-ACID RECEPTOR GAMMA-2S SUBUNIT
DRTSRDSSPVMRS	A-C21	RBL2_HUMAN	RETINOBLASTOMA-LIKE PROTEIN 2 (130 KDA RETINOBLASTOMA-ASSOCIATED PROTEIN) (PRB2) (P130) (RBR-2).
GLSLSRFSWGAEG	A-C22	MBP_HUMAN	MYELIN BASIC PROTEIN (MBP).

GLVEVASyceESR	A-C23	G45B_HUMAN	NEGATIVE GROWTH-REGULATORY PROTEIN MYD118 (MYELOID DIFFERENTIATION PRIMARY RESPONSE PROTEIN MYD118) (GROWTH ARREST AND DNA-DAMAGE- INDUCIBLE PROTEIN GADD45 BETA).
GSPNRAYTHQVVT	A-C24	CDK7_HUMAN	CELL DIVISION PROTEIN KINASE 7 (EC 2.7.1.-) (CDK-ACTIVATING KINASE) (CAK) (39 KDA PROTEIN KINASE) (P39 MO15) (STK1) (CAK1).
SKALRISTPLTGV	A-D1	RBL2_HUMAN	RETINOBLASTOMA-LIKE PROTEIN 2 (130 KDA RETINOBLASTOMA-ASSOCIATED PROTEIN) (PRB2) (P130) (RBR-2).
DAENRLQTMKEEL	A-D2	B176-I	LAMIN A (70 KD LAMIN)
PPSEGEESTVRF	A-D3	KPC2_HUMAN	PROTEIN KINASE C, BETA-II TYPE (EC 2.7.1.-) (PKC-BETA-2).
QALDNPEYHNASN	A-D4	ERB4_HUMAN	ERBB-4 RECEPTOR PROTEIN-TYROSINE KINASE (EC 2.7.1.112) (P180 ERB4) (TYROSINE KINASE-TYPE CELL SURFACE RECEPTOR HER4).
DLLSRFQSNRMDD	A-D5	LGN_HUMAN	MOSAIC PROTEIN LGN.
FDNNEEESYSYE	A-D6	RRPP_HRSVL	RNA POLYMERASE ALPHA SUBUNIT (EC 2.7.7.48) (PHOSPHOPROTEIN P).
EPPSPATTPCGKV	A-D7	TLE2_HUMAN	TRANSDUCIN-LIKE ENHANCER PROTEIN 2 (ESG2).
WKVLRRFVTTMR	A-D8	CPB6_HUMAN	CYTOCHROME P450 2B6 (EC 1.14.14.1) (CYPII6) (P450 IIB1).
KLPGLRITYVDPHT	A-D9	EPA3_HUMAN	EPHRIN TYPE-A RECEPTOR 3 (EC 2.7.1.112) (TYROSINE-PROTEIN KINASE RECEPTOR ETK1) (HEK) (HEK4).
EEGFGSSSPVKSP	A-D10	WEE1_HUMAN	WEE1-LIKE PROTEIN KINASE (EC 2.7.1.112).
ESIKMQQYTEHFM	A-D11	EPA2_HUMAN	EPHRIN TYPE-A RECEPTOR 2 (EC 2.7.1.112) (TYROSINE-PROTEIN KINASE RECEPTOR ECK) (EPITHELIAL CELL KINASE).
REEAIKFSEEQRF	A-D12	KU86_HUMAN	ATP-DEPENDENT DNA HELICASE II, 80 KDA SUBUNIT (LUPUS KU AUTOANTIGEN PROTEIN P86) (KU86) (KU80) (86 KDA SUBUNIT OF KU ANTIGEN) (THYROID- LUPUS AUTOANTIGEN) (TLAA) (CTC BOX BINDING FACTOR 85 KDA SUBU IT) (CTCBF) (CTC85) (NUCLEAR FACTOR IV) (DNA-REPAIR PROTEIN XRCC5).
PLPSHARSQPGLC	A-D13	MBP_HUMAN	MYELIN BASIC PROTEIN (MBP).

LLSKNESSPIRFD	A-D14	MPP9_HUMAN	M-PHASE PHOSPHOPROTEIN 9 (FRAGMENT).
PVVGDTSPRHLS	A-D15	B154-J	MICROTUBULE-ASSOCIATED PROTEIN TAU
VPSDNIDSQGRNC	A-D16	B204-B	BETA-2 ADRENERGIC RECEPTOR
AHSIHQRSRKRLS	A-D17	B060-C	NEUTROPHIL CYTOSOL FACTOR 2 (P47-PHOX)
DTSPRHLSNVSST	A-D18	B154-K	MICROTUBULE-ASSOCIATED PROTEIN TAU
RLIEDNEYTAREG	A-D19	LCK_HUMAN	PROTO-ONCOGENE TYROSINE-PROTEIN KINASE LCK (EC 2.7.1.112) (P56-LCK) (LSK) (T CELL-SPECIFIC PROTEIN-TYROSINE KINASE).
QGKGRGLSLSRFS	A-D20	MBP_HUMAN	MYELIN BASIC PROTEIN (MBP).
CSDSTNEYMDMKP	A-D21	A065-D	MAST/STEM CELL GROWTH FACTOR RECEPTOR (SCFR)
RVQSKIGSLDNIT	A-D22	B154-H	MICROTUBULE-ASSOCIATED PROTEIN TAU
ISVDGLSTPVVLS	A-D23	ELK1_HUMAN	ETS-DOMAIN PROTEIN ELK-1.
ELFDDPSYVNVQN	A-D24	A052-A	SHC TRANSFORMING PROTEINS 46.8 KD AND 51.7 KD
SQRQRSTSTPNVH	A-E1	B193-A	RAF PROTO-ONCOGENE SEINE/THREONINE-PROTEIN KINASE (RAF-1)
YSGSEGDSESGEE	A-E2	B296-C	SERUM RESPONSE FACTOR (SRF)
SALLGDHYVQLPA	A-E3	RON_HUMAN	MACROPHAGE-STIMULATING PROTEIN RECEPTOR (EC 2.7.1.112) (MSP RECEPTOR) (P185-RON) (CDW136) (CD136 ANTIGEN).
TVSRASSRSVRT	A-E4	B008-D	LAMIN B1
ALRADENYYKAQT	A-E5	KSYK_HUMAN	TYROSINE-PROTEIN KINASE SYK (EC 2.7.1.112) (SPLEEN TYROSINE KINASE).
YLSWGTASPYSAM	A-E6	PMX1_HUMAN	PAIRED MESODERM HOMEBOX PROTEIN 1 (HOMEBOX PROTEIN PHOX1).
DSSESEESAGPLL	A-E7	PRGR_HUMAN	PROGESTERONE RECEPTOR (PR).
PRASPAHSPRENG	A-E8	TLE1_HUMAN	TRANSDUCIN-LIKE ENHANCER PROTEIN 1 (ESG1).
MSSSEEVSWISWF	A-E9	KC2B_HUMAN	CASEIN KINASE II BETA CHAIN (CK II) (EC 2.7.1.37) (PHOSVITIN).

SVPEFPLSPPKKK	A-E10	STHM_HUMAN	STATHMIN (PHOSPHOPROTEIN P19) (PP19) (ONCOPROTEIN 18) (OP18) (LEUKEMIA-ASSOCIATED PHOSPHOPROTEIN P18) (PP17) (PROSOLIN) (METABLASTIN) (PR22 PROTEIN).
PKINRSASEPSLH	A-E11	B193-C	RAF PROTO-ONCOGENE SEINE/THREONINE-PROTEIN KINASE (RAF-1)
MLRGRSLSVTSLG	A-E12	UGS2_HUMAN	GLYCOGEN [STARCH] SYNTHASE, LIVER (EC 2.4.1.11).
YVQLPATYMNLGP	A-E13	RON_HUMAN	MACROPHAGE-STIMULATING PROTEIN RECEPTOR (EC 2.7.1.112) (MSP RECEPTOR) (P185-RON) (CDW136) (CD136 ANTIGEN).
SCKDDINSYECWC	A-E14	FA9_HUMAN	COAGULATION FACTOR IX (EC 3.4.21.22) (CHRISTMAS FACTOR).
DDIDLFGSDDEEE	A-E15	EF1B_HUMAN	ELONGATION FACTOR 1-BETA (EF-1-BETA).
ESIRMKRYILHFH	A-E16	EPA1_HUMAN	EPHRIN TYPE-A RECEPTOR 1 (EC 2.7.1.112) (TYROSINE-PROTEIN KINASE RECEPTOR EPH).
PSLSRHSSPHQSE	A-E17	UGS1_HUMAN	GLYCOGEN [STARCH] SYNTHASE, MUSCLE (EC 2.4.1.11).
RKSVPTVSKGTVE	A-E18	RBL2_HUMAN	RETINOBLASTOMA-LIKE PROTEIN 2 (130 KDA RETINOBLASTOMA-ASSOCIATED PROTEIN) (PRB2) (P130) (RBR-2).
WTASSPYSTVPPY	A-E19	PMX2_HUMAN	PAIRED MESODERM HOMEBOX PROTEIN 2 (PRX-2) (FRAGMENT).
IPTLNRMFSFSSNL	A-E20	COA1_HUMAN	ACETYL-COA CARBOXYLASE 1 (EC 6.4.1.2) (ACC-ALPHA) [INCLUDES: BIOTIN CARBOXYLASE (EC 6.3.4.14)].
YEDDDYVSKKSKH	A-E21	CYCH_HUMAN	CYCLIN H (MO15-ASSOCIATED PROTEIN) (P37) (P34).
TPGSRSRTPSLPT	A-E22	B154-P	MICROTUBULE-ASSOCIATED PROTEIN TAU
KKRPQRATSNVFA	A-E23	MLRM_HUMAN	MYOSIN REGULATORY LIGHT CHAIN 2, NONSARCOMERIC (MYOSIN RLC).
CNATFKKTFRHLL	A-E24	ACM4_HUMAN	MUSCARINIC ACETYLCHOLINE RECEPTOR M4.
INEWLTKTPDGNK	A-F1	CALD_HUMAN	CALDESMON (CDM).
GSCRSDDYMPMSP	A-F2	IRS2_HUMAN	INSULIN RECEPTOR SUBSTRATE-2 (IRS-2).
RGRRKKKTTPRKA	A-F3	MPP8_HUMAN	M-PHASE PHOSPHOPROTEIN 8 (FRAGMENT).

LAKAQETSQEEIS	A-F4	IBP1_HUMAN	INSULIN-LIKE GROWTH FACTOR BINDING PROTEIN 1 (IGFBP-1) (IBP-1) (IGF-BINDING PROTEIN 1) (PLACENTAL PROTEIN 12) (PP12).
ANRERRPSYLPTP	A-F5	CIK6_HUMAN	VOLTAGE-GATED POTASSIUM CHANNEL PROTEIN KV1.6 (HBK2).
EKGNVFSPTAAG	A-F6	CALD_HUMAN	CALDESMON (CDM).
ESHESMESYELNP	A-F7	MGP_HUMAN	MATRIX GLA-PROTEIN (MGP).
GAGFGSRSLYGLG	A-F8	K2CF_HUMAN	KERATIN, TYPE II CYTOSKELETAL 6F (CYTOKERATIN 6F) (CK 6F) (K6F KERATIN).
SAYGGLTSPGLSY	A-F9	K2C8_HUMAN	KERATIN, TYPE II CYTOSKELETAL 8 (CYTOKERATIN 8) (K8) (CK 8).
DFVGHQGTVPDND	A-F10	B204-F	BETA-2 ADRENERGIC RECEPTOR
EEGTFRSSIRRLS	A-F11	PLM_HUMAN	PHOSPHOLEMMAN .
VRYIKENSPCVTP	A-F12	RBL2_HUMAN	RETINOBLASTOMA-LIKE PROTEIN 2 (130 KDA RETINOBLASTOMA-ASSOCIATED PROTEIN) (PRB2) (P130) (RBR-2).
SNVSPAISIHEIG	A-F13	KPB1_HUMAN	PHOSPHORYLASE B KINASE ALPHA REGULATORY CHAIN, SKELETAL MUSCLE ISOFORM (PHOSPHORYLASE KINASE ALPHA M SUBUNIT).
QIRRRRPTPATLV	A-F14	IPP1_HUMAN	PROTEIN PHOSPHATASE INHIBITOR 1 (IPP-1) (I-1).
PRAFSSRSYTSQP	A-F15	K2C8_HUMAN	KERATIN, TYPE II CYTOSKELETAL 8 (CYTOKERATIN 8) (K8) (CK 8).
TGIMQLKSEIKQV	A-F16	KPB1_HUMAN	PHOSPHORYLASE B KINASE ALPHA REGULATORY CHAIN, SKELETAL MUSCLE ISOFORM (PHOSPHORYLASE KINASE ALPHA M SUBUNIT).
LDIPTGTTPQRKS	A-F17	EG5_HUMAN	KINESIN-RELATED MOTOR PROTEIN EG5 (KINESIN-LIKE SPINDLE PROTEIN HKSP) (THYROID RECEPTOR INTERACTING PROTEIN 5) (TRIP5).
LDSCNSLTPKSTP	A-F18	MYBB_HUMAN	MYB-RELATED PROTEIN B (B-MYB).
YRDVRFESIRLPG	A-F19	B091-A	CHORIOGONATROPIN BETA CHAIN
ARAAARLSLTDPL	A-F20	B103-A	PLATELET GLYCOPROTEIN IB BETA CHAIN (GP-IB BETA)
GDDEDACSDTEAT	A-F21	IPP2_HUMAN	PROTEIN PHOSPHATASE INHIBITOR 2 (IPP-2).
TRAAPALTPPDRL	A-F22	KPCG_HUMAN	PROTEIN KINASE C, GAMMA TYPE (EC 2.7.1.-) (PKC-GAMMA).

RDIYRASYYRRGD	A-F23	KLTK_HUMAN	LEUKOCYTE TYROSINE KINASE RECEPTOR (EC 2.7.1.112).
NRTLMSSSLPGLE	A-F24	UGS1_HUMAN	GLYCOGEN [STARCH] SYNTHASE, MUSCLE (EC 2.4.1.11).
DSLDSRLSPPAGL	A-G1	STA5_HUMAN	SIGNAL TRANSDUCER AND ACTIVATOR OF TRANSCRIPTION 5A.
SRLRRRASQLKIT	A-G2	B164-A	GAMMA-AMINOBUTYRIC-ACID RECEPTOR BETA-2 SUBUNIT
TPQTQSTSGRRRR	A-G3	B116-B	cAMP RESPONSE ELEMENT-BINDING PROTEIN CRE-BP1
EPSGPYESDEDKS	A-G4	TLE2_HUMAN	TRANSDUCIN-LIKE ENHANCER PROTEIN 2 (ESG2).
YIYTIDGSRKIGS	A-G5	DCX_HUMAN	DOUBLECORTIN (LISSENCEPHALIN-X) (LIS-X) (DOUBLIN).
FACTYVGTPYYVP	A-G6	NEK3_HUMAN	SERINE/THREONINE-PROTEIN KINASE NEK3 (EC 2.7.1.-) (NIMA-RELATED PROTEIN KINASE 3) (HSPK 36) (FRAGMENT).
SSLGFKRSYEEHI	A-G7	B141-C	INSULIN RECEPTOR (IR)
SPVMRSSSTLPVP	A-G8	RBL2_HUMAN	RETINOBLASTOMA-LIKE PROTEIN 2 (130 KDA RETINOBLASTOMA-ASSOCIATED PROTEIN) (PRB2) (P130) (RBR-2).
VSSDGHEYIYVDP	A-G9	A002-C	BETA PLATELET-DERIVED GROWTH FACTOR RECEPTOR
AGPTRQASQAGPV	A-G10	SYN1_HUMAN	SYNAPSIN I (BRAIN PROTEIN 4.1).
PSSSIDEYFSEQP	A-G11	INR1_HUMAN	INTERFERON-ALPHA/BETA RECEPTOR ALPHA CHAIN (IFN-ALPHA-REC).
SSNYMAPYDNYVP	A-G12	A002-I	BETA PLATELET-DERIVED GROWTH FACTOR RECEPTOR
VQGEEKESSNDST	A-G13	B353-F	MUSCARINIC ACETYLCHOLINE RECEPTOR M2
LSAFRRTSLAGGG	A-G14	MYPC_HUMAN	MYOSIN-BINDING PROTEIN C, CARDIAC-TYPE (CARDIAC MYBP-C) (C-PROTEIN, CARDIAC MUSCLE ISOFORM).
NHCDMASTLIGTP	A-G15	STK2_HUMAN	SERINE/THREONINE-PROTEIN KINASE NRK2 (EC 2.7.1.-) (SERINE/THREONINE KINASE 2).
DFGFFSSSESGAP	A-G16	CLCB_HUMAN	CLATHRIN LIGHT CHAIN B (BRAIN AND LYMPHOCYTE LCB).
EDDPEATYTTSGG	A-G17	EPA2_HUMAN	EPHRIN TYPE-A RECEPTOR 2 (EC 2.7.1.112) (TYROSINE-PROTEIN KINASE RECEPTOR ECK) (EPITHELIAL CELL KINASE).

QARPGPQSPGSPL	A-G18	B060-F	NEUTROPHIL CYTOSOL FACTOR 2 (P47-PHOX)
AGLTAEVSWKVLE	A-G19	KPBB_HUMAN	PHOSPHORYLASE B KINASE BETA REGULATORY CHAIN (PHOSPHORYLASE KINASE BETA SUBUNIT).
TFRPRTSSNASTI	A-G20	FXO1_HUMAN	FORKHEAD PROTEIN O1A (FORKHEAD IN RHABDOMYOSARCOMA).
LSTPVVLSPPGPQK	A-G21	ELK1_HUMAN	ETS-DOMAIN PROTEIN ELK-1.
KGAKPDVSNQPE	A-G22	MIP_HUMAN	LENS FIBER MAJOR INTRINSIC PROTEIN (MIP26) (MP26) (AQUAPORIN 0).
TPVTVAYSPKRSP	A-G23	MPP9_HUMAN	M-PHASE PHOSPHOPROTEIN 9 (FRAGMENT).
SEKRKQISVRGLA	A-G24	PHS3_HUMAN	GLYCOGEN PHOSPHORYLASE, BRAIN FORM (EC 2.4.1.1).
CIAGSPLTPRRVT	A-H1	RBL2_HUMAN	RETINOBLASTOMA-LIKE PROTEIN 2 (130 KDA RETINOBLASTOMA-ASSOCIATED PROTEIN) (PRB2) (P130) (RBR-2).
VANQDPVSPSLVQ	A-H2	B353-A	MUSCARINIC ACETYLCHOLINE RECEPTOR M2
DIYKDPDYVRKGS	A-H3	VGR3_HUMAN	VASCULAR ENDOTHELIAL GROWTH FACTOR RECEPTOR 3 (EC 2.7.1.112) (VEGFR-3) (TYROSINE-PROTEIN KINASE RECEPTOR FLT4).
NGDDPLLTYRFPP	A-H4	B176-K	LAMIN A (70 KD LAMIN)
QNLNEDVSQEESP	A-H5	PRP5_HUMAN	BASIC PROLINE-RICH PEPTIDE IB-1.
SQGRNCSTNDSL	A-H6	B204-D	BETA-2 ADRENERGIC RECEPTOR
SNVSSTGSIDMVD	A-H7	B154-M	MICROTUBULE-ASSOCIATED PROTEIN TAU
VSQREAEYEPETV	A-H8	A008-B	CORTACTIN, Src SUBSTRATE P80/85 PROTEINS
WTETKKQSFKQTG	A-H9	CFTR_HUMAN	CYSTIC FIBROSIS TRANSMEMBRANE CONDUCTANCE REGULATOR (CFTR) (CAMP- DEPENDENT CHLORIDE CHANNEL).
RHLSNVSTGSID	A-H10	B154-L	MICROTUBULE-ASSOCIATED PROTEIN TAU
WGRGTDEYFIRKP	A-H11	ACHB_HUMAN	ACETYLCHOLINE RECEPTOR PROTEIN, BETA CHAIN .
AAGERRKSQEAQV	A-H12	SCG1_HUMAN	SCG10 PROTEIN (SUPERIOR CERVICAL GANGLION-10 PROTEIN).
EYTKEDGSKRIGM	A-H13	SPIN_HUMAN	SPINDLIN HOMOLOG (PROTEIN DXF34).

QVEFRRLSISAES	A-H14	KPB1_HUMAN	PHOSPHORYLASE B KINASE ALPHA REGULATORY CHAIN, SKELETAL MUSCLE ISOFORM (PHOSPHORYLASE KINASE ALPHA M SUBUNIT).
DDSSAYRSVDEVN	A-H15	ODBA_HUMAN	2-OXOISOVALERATE DEHYDROGENASE ALPHA SUBUNIT, MITOCHONDRIAL (EC 1.2.4.4) (BRANCHED-CHAIN ALPHA-KETO ACID DEHYDROGENASE COMPONENT ALPHA CHAIN (E1)) (BCKDH E1-ALPHA).
QAPGPALTPSLLP	A-H16	ELK1_HUMAN	ETS-DOMAIN PROTEIN ELK-1.
TPLHRDKTPLHQK	A-H17	MYBB_HUMAN	MYB-RELATED PROTEIN B (B-MYB).
TEASGYISSLEYP	A-H18	C1R_HUMAN	COMPLEMENT C1R COMPONENT (EC 3.4.21.41).
VFLRCINYVFFPS	A-H19	INR1_HUMAN	INTERFERON-ALPHA/BETA RECEPTOR ALPHA CHAIN (IFN-ALPHA-REC).
SVIVADQTPTPTR	A-H20	ATF2_HUMAN	CYCLIC-AMP-DEPENDENT TRANSCRIPTION FACTOR ATF-2 (ACTIVATING TRANSCRIPTION FACTOR 2) (CAMP RESPONSE ELEMENT BINDING PROTEIN CRE- BP1) (HB16).
PFKLSGLSFKRNR	A-H21	MRP_HUMAN	MARCKS-RELATED PROTEIN (MAC-MARCKS).
RNLYSGDYRIQG	A-H22	TRK3_HUMAN	RECEPTOR PROTEIN-TYROSINE KINASE TKT (EC 2.7.1.112) (TYROSINE-PROTEIN KINASE TYRO 10) (NEUROTROPHIC TYROSINE KINASE, RECEPTOR-RELATED 3).
NLNGREFSGRALR	A-H23	CST2_HUMAN	CLEAVAGE STIMULATION FACTOR, 64 KDA SUBUNIT (CSTF 64 KDA SUBUNIT) (CF-1 64 KDA SUBUNIT).
STSIEYVTQRNCN	A-H24	GLK1_HUMAN	GLUTAMATE RECEPTOR, IONOTROPIC KAINATE 1 (GLUTAMATE RECEPTOR 5) (GLUR-5) (EXCITATORY AMINO ACID RECEPTOR 3) (EAA3).
PDLKKSRSASTIS	A-11	CIK2_HUMAN	VOLTAGE-GATED POTASSIUM CHANNEL PROTEIN KV1.2 (RBK2) (HBK5) (NGK1) (MK2) (HUKIV).
VVTLCYESHESME	A-12	MGP_HUMAN	MATRIX GLA-PROTEIN (MGP).
TLYDRYSSPPAST	A-13	RBL2_HUMAN	RETINOBLASTOMA-LIKE PROTEIN 2 (130 KDA RETINOBLASTOMA-ASSOCIATED PROTEIN) (PRB2) (P130) (RBR-2).
TVTSTDEYLDLSA	A-14	A062-A	FIBROBLAST GROWTH FACTOR RECEPTOR 3 (FGFR-3)

DDTSDPTYTSSLG	A-15	EPB1_HUMAN	EPHRIN TYPE-B RECEPTOR 1 (EC 2.7.1.112) (TYROSINE-PROTEIN KINASE RECEPTOR EPH-2) (NET) (HEK6) (ELK).
EDPDIPESQMEEP	A-16	B3AT_HUMAN	BAND 3 ANION TRANSPORT PROTEIN (ANION EXCHANGE PROTEIN 1) (AE 1).
KKNGRILTLPRSN	A-17	B141-D	INSULIN RECEPTOR (IR)
EPHVTRRTPDYFL	A-18	P2AB_HUMAN	SERINE/THREONINE PROTEIN PHOSPHATASE 2A, CATALYTIC SUBUNIT, BETA ISOFORM (EC 3.1.3.16) (PP2A-BETA).
NTIDLPMSPRALD	A-19	STA3_HUMAN	SIGNAL TRANSDUCER AND ACTIVATOR OF TRANSCRIPTION 3 (ACUTE-PHASE RESPONSE FACTOR).
YASSNPEYLSASD	A-110	A040-E	INSULIN RECEPTOR
TYIDPETYEDPNR	A-111	EPA7_HUMAN	EPHRIN TYPE-A RECEPTOR 7 (EC 2.7.1.112) (TYROSINE-PROTEIN KINASE RECEPTOR EHK-3) (EPH HOMOLOGY KINASE-3) (RECEPTOR PROTEIN-TYROSINE KINASE HEK11).
FKLGGDRSRSGSP	A-112	MBP_HUMAN	MYELIN BASIC PROTEIN (MBP).
AEKHLAISREVGD	A-113	LGN_HUMAN	MOSAIC PROTEIN LGN.
STTTTRRSCSKTV	A-114	B066-B	FIBRINOGEN
QASSTPLSPTRIT	A-115	B176-B	LAMIN A (70 KD LAMIN)
VGLLKLASPELER	A-116	B006-B	TRANSCRIPTION FACTOR AP-1 (PROTO-ONCOGENE C-JUN)
QRSELDKSSAHSY	A-117	PERI_HUMAN	PERIPHERIN.
RRAASMDSSSKLL	A-118	AFX1_HUMAN	PUTATIVE FORK HEAD DOMAIN TRANSCRIPTION FACTOR AFX1.
FYYEILNSPEKAC	A-119	143Z_HUMAN	14-3-3 PROTEIN ZETA/Delta (PROTEIN KINASE C INHIBITOR PROTEIN-1) (KCIP-1) (FACTOR ACTIVATING EXOENZYME S) (FAS).
TRHPPVLTPPDQE	A-120	KPC2_HUMAN	PROTEIN KINASE C, BETA-II TYPE (EC 2.7.1.-) (PKC-BETA-2).

FGMSRNLYAGDYY	A-I21	EDD1_HUMAN	EPITHELIAL DISCOIDIN DOMAIN RECEPTOR 1 (EC 2.7.1.112) (TYROSINE-PROTEIN KINASE CAK) (CELL ADHESION KINASE) (TYROSINE KINASE DDR) (DISCOIDIN RECEPTOR TYROSINE KINASE) (TRK E) (PROTEIN-TYROSINE KINASE RTK 6).
KIPKRPGSVH RTP	A-I22	ACM1_HUMAN	MUSCARINIC ACETYLCHOLINE RECEPTOR M1.
VPTVSKGTVEGNY	A-I23	RBL2_HUMAN	RETINOBLASTOMA-LIKE PROTEIN 2 (130 KDA RETINOBLASTOMA-ASSOCIATED PROTEIN) (PRB2) (P130) (RBR-2).
RFIGRRQSLIEDA	A-I24	TY3H_HUMAN	TYROSINE 3-MONOOXYGENASE (EC 1.14.16.2) (TYROSINE 3-HYDROXYLASE) (TH).
AIETDKEYYTVKD	A-J1	JAK1_HUMAN	TYROSINE-PROTEIN KINASE JAK1 (EC 2.7.1.112) (JANUS KINASE 1) (JAK-1).
PKIEDVGSDEEDD	A-J2	HS9B_HUMAN	HEAT SHOCK PROTEIN HSP 90-BETA (HSP 84) (HSP 90).
FTATEPQYQPGEN	A-J3	A045-B	PROTO-ONCOGENE TYROSINE-PROTEIN KINASE Fyn
AALRQLRSPRRTQ	A-J4	B343-A	RAS-RELATED PROTEIN RAB-4A
EEDTDESDNEIH	A-J5	PP65_HCMVT	64 KDA LOWER MATRIX PHOSPHOPROTEIN (PP64) (GP64).
YRIQEQESSGEED	A-J6	IPP2_HUMAN	PROTEIN PHOSPHATASE INHIBITOR 2 (IPP-2).
ERLKLSPSPSSRV	A-J7	B008-B	LAMIN B1
NSLTPKSTPVKTL	A-J8	MYBB_HUMAN	MYB-RELATED PROTEIN B (B-MYB).
DMYDKEYYSVHNK	A-J9	MET_HUMAN	HEPATOCTE GROWTH FACTOR RECEPTOR (MET PROTO-ONCOGENE TYROSINE KINASE) (EC 2.7.1.112) (HGF-SF RECEPTOR).
EEQEYVQTVKSSK	A-J10	B088-C	ANNEXIN I (LIPOCORTIN I) (CALPACTIN II)
KRFSFKKSFKLSG	A-J11	MACS_HUMAN	MYRISTOYLATED ALANINE-RICH C-KINASE SUBSTRATE (MARCKS) (PROTEIN KINASE C SUBSTRATE, 80 KDA PROTEIN, LIGHT CHAIN) (PKCSL) (80K-L PROTEIN).
GAKLRKVSKQEEA	A-J12	VASP_HUMAN	VASODILATOR-STIMULATED PHOSPHOPROTEIN (VASP).

LPVPQPSSAPPTP	A-J13	RBL2_HUMAN	RETINOBLASTOMA-LIKE PROTEIN 2 (130 KDA RETINOBLASTOMA-ASSOCIATED PROTEIN) (PRB2) (P130) (RBR-2).
KWTKRTLSETSSS	A-J14	CIKA_HUMAN	VOLTAGE-GATED POTASSIUM CHANNEL PROTEIN KV2.1 (DHK1).
KKFELLPTPPLSP	A-J15	MYC_HUMAN	MYC PROTO-ONCOGENE PROTEIN (C-MYC).
YEEKKKKTTTIAV	A-J16	VGLN_HUMAN	VIGILIN (HIGH DENSITY LIPOPROTEIN BINDING PROTEIN) (HDL-BINDING PROTEIN).
LQNLAKASPVYLD	A-J17	TRKB_HUMAN	BDNF/NT-3 GROWTH FACTORS RECEPTOR (EC 2.7.1.112) (TRKB TYROSINE KINASE) (GP145-TRKB) (TRK-B).
RQEDGGVYSSSGL	A-J18	FER_HUMAN	PROTO-ONCOGENE TYROSINE-PROTEIN KINASE FER (EC 2.7.1.112) (P94-FER) (C-FER).
GQKFARKSTRRSI	A-J19	B189-A	PLECKSTRIN (PLATELET P47 PROTEIN)
KNSDLLTSPDVGL	A-J20	B006-A	TRANSCRIPTION FACTOR AP-1 (PROTO-ONCOGENE C-JUN)
PKRGFLRSASLGR	A-J21	CCAC_HUMAN	VOLTAGE-DEPENDENT L-TYPE CALCIUM CHANNEL ALPHA-1C SUBUNIT (CALCIUM CHANNEL, L TYPE, ALPHA-1 POLYPEPTIDE, ISOFORM 1, CARDIAC MUSCLE).
PEEKTTNTVSKFD	A-J22	KPC2_HUMAN	PROTEIN KINASE C, BETA-II TYPE (EC 2.7.1.-) (PKC-BETA-2).
GEAGGPLTPRRVS	A-J23	ERF_HUMAN	ETS-DOMAIN TRANSCRIPTION FACTOR ERF.
LIEDNEYTARQGA	A-J24	SRC_HUMAN	PROTO-ONCOGENE TYROSINE-PROTEIN KINASE SRC (EC 2.7.1.112) (P60-SRC) (C-SRC).
IHFVSTLSPIAPR	A-K1	ELK1_HUMAN	ETS-DOMAIN PROTEIN ELK-1.
EGSFESRYQQPFE	A-K2	PIP4_HUMAN	1-PHOSPHATIDYLINOSITOL-4,5-BISPHOSPHATE PHOSPHODIESTERASE GAMMA 1 (EC 3.1.4.11) (PLC-GAMMA-1) (PHOSPHOLIPASE C-GAMMA-1) (PLC-II) (PLC-148).
ELKGTTHSLLDK	A-K3	RGS1_HUMAN	REGULATOR OF G-PROTEIN SIGNALING 1 (RGS1) (EARLY RESPONSE PROTEIN 1R20) (B-CELL ACTIVATION PROTEIN BL34).
SSQGVDTYVEMRP	A-K4	A072-C	MACROPHAGE COLONY STIMULATING FACTOR 1 RECEPTOR

FESERRGSHPYID	A-K5	CN7A_HUMAN	HIGH-AFFINITY CAMP-SPECIFIC 3',5'-CYCLIC PHOSPHODIESTERASE (EC 3.1.4.17) (HCP1) (TM22).
EKIGEGTYGVVYK	A-K6	CDK2_HUMAN	CELL DIVISION PROTEIN KINASE 2 (EC 2.7.1.-) (P33 PROTEIN KINASE).
DGKKRKRSRKESY	A-K7	B014-B	HISTONE H2B
VPEMPGETPPLSP	A-K8	B006-E	TRANSCRIPTION FACTOR AP-1 (PROTO-ONCOGENE C-JUN)
KGRGLSLSRFSWG	A-K9	MBP_HUMAN	MYELIN BASIC PROTEIN (MBP).
KDGNGYISAAELR	A-K10	B227-A	CALMODULIN
PAYSRALSRQLSS	A-K11	B118-B	HEAT SHOCK 27 KD PROTEIN (HSP 27)
ALTSNQEYLDLSM	A-K12	FGR1_HUMAN	BASIC FIBROBLAST GROWTH FACTOR RECEPTOR 1 (BFGF-R) (EC 2.7.1.112) (FMS-LIKE TYROSINE KINASE-2) (C-FGR).
KEFGVERSVRPTD	A-K13	KPB1_HUMAN	PHOSPHORYLASE B KINASE ALPHA REGULATORY CHAIN, SKELETAL MUSCLE ISOFORM (PHOSPHORYLASE KINASE ALPHA M SUBUNIT).
LLPTHTLTPVLLT	A-K14	ELK1_HUMAN	ETS-DOMAIN PROTEIN ELK-1.
ESSISSSSEEMSL	A-K15	CAS1_HUMAN	ALPHA-S1 CASEIN .
FSLLRGPSWDPFR	A-K16	HS27_HUMAN	HEAT SHOCK 27 KDA PROTEIN (HSP 27) (STRESS-RESPONSIVE PROTEIN 27) (SRP27) (ESTROGEN-REGULATED 24 KDA PROTEIN) (28 KDA HEAT SHOCK PROTEIN).
CQLGQRIYQYIQS	A-K17	DYRA_HUMAN	DUAL-SPECIFICITY TYROSINE-PHOSPHORYLATION REGULATED KINASE 1A (EC 2.7.1.-) (PROTEIN KINASE MINIBRAIN HOMOLOG) (MNBH) (HP86) (DUAL SPECIFICITY YAK1-RELATED KINASE).
IHRKTTASTRKVS	A-K18	CFTR_HUMAN	CYSTIC FIBROSIS TRANSMEMBRANE CONDUCTANCE REGULATOR (CFTR) (CAMP- DEPENDENT CHLORIDE CHANNEL).
GGGPERTPGSGS	A-K19	ELK1_HUMAN	ETS-DOMAIN PROTEIN ELK-1.
GVPVRTYTHEVVT	A-K20	CDK2_HUMAN	CELL DIVISION PROTEIN KINASE 2 (EC 2.7.1.-) (P33 PROTEIN KINASE).
TEATATDYHTTSH	A-K21	B3AT_HUMAN	BAND 3 ANION TRANSPORT PROTEIN (ANION EXCHANGE PROTEIN 1) (AE 1).

PGRSPLPSHARSQ	A-K22	MBP_HUMAN	MYELIN BASIC PROTEIN (MBP).
FDKDGNGYISAAE	A-K23	B227-C	CALMODULIN
FGPARNDSVIVAD	A-K24	B116-A	cAMP RESPONSE ELEMENT-BINDING PROTEIN CRE-BP1
VRRLRRLTAREAA	A-L1	RYNR_HUMAN	RYANODINE RECEPTOR, SKELETAL MUSCLE (SKELETAL MUSCLE CALCIUM RELEASE CHANNEL).
KDLYLPLSLDDSD	A-L2	DCX_HUMAN	DOUBLECORTIN (LISSENCEPHALIN-X) (LIS-X) (DOUBLIN).
HFDERDKTSRNMR	A-L3	DCX_HUMAN	DOUBLECORTIN (LISSENCEPHALIN-X) (LIS-X) (DOUBLIN).
QLKPLKTYVDPHT	A-L4	EPA2_HUMAN	EPHRIN TYPE-A RECEPTOR 2 (EC 2.7.1.112) (TYROSINE-PROTEIN KINASE RECEPTOR ECK) (EPITHELIAL CELL KINASE).
AGMEFSRSKSDNS	A-L5	EDG1_HUMAN	PROBABLE G PROTEIN-COUPLED RECEPTOR EDG-1.
VCNGGIMTPPKST	A-L6	CGE2_HUMAN	G1/S-SPECIFIC CYCLIN E2.
FLPRHRDTGILDS	A-L7	MBP_HUMAN	MYELIN BASIC PROTEIN (MBP).
GSPESTEITE	A-L8	IBP1_HUMAN	INSULIN-LIKE GROWTH FACTOR BINDING PROTEIN 1 (IGFBP-1) (IBP-1) (IGF-BINDING PROTEIN 1) (PLACENTAL PROTEIN 12) (PP12).
GKKTGFASDDEHD	A-L9	LA_HUMAN	LUPUS LA PROTEIN (SJOGREN SYNDROME TYPE B ANTIGEN (SS-B)) (LA RIBONUCLEOPROTEIN) (LA AUTOANTIGEN).
SKEKIQSSSSEC	A-L10	CIN6_HUMAN	SODIUM CHANNEL PROTEIN, CARDIAC AND SKELETAL MUSCLE ALPHA-SUBUNIT.
ASLGRRASFHLEC	A-L11	CCAC_HUMAN	VOLTAGE-DEPENDENT L-TYPE CALCIUM CHANNEL ALPHA-1C SUBUNIT (CALCIUM CHANNEL, L TYPE, ALPHA-1 POLYPEPTIDE, ISOFORM 1, CARDIAC MUSCLE).
KKVAVVRTPPKSP	A-L12	B154-Q	MICROTUBULE-ASSOCIATED PROTEIN TAU
ILVSTVKSKRREH	A-L13	MIR1_HUMAN	MINIMUM POTASSIUM ION CHANNEL-RELATED PEPTIDE 1 (MIRP1) (MINK-RELATED PEPTIDE 1).
QKRREILSRPSY	A-L14	B015-A	cAMP-RESPONSE ELEMENT BINDING PROTEIN (CREB)

TSGEDTLSDSDDE	A-L15	MYCN_HUMAN	N-MYC PROTO-ONCOGENE PROTEIN.
PLGPLAGSPVIAA	A-L16	B197-B	CASEIN KINASE II, ALPHA CHAIN (CKII) (EC 2.7.1.37)
QCKPVSVTPQGND	A-L17	MPP9_HUMAN	M-PHASE PHOSPHOPROTEIN 9 (FRAGMENT).
SKYLATASTMDHA	A-L18	MBP_HUMAN	MYELIN BASIC PROTEIN (MBP).
LDRDGSRSLLDADE	A-L19	CAYP_HUMAN	CALCYPHOSINE.
PQATRQTSVSGPA	A-L20	SYN1_HUMAN	SYNAPSIN I (BRAIN PROTEIN 4.1).
LNVAAVNTHRDRP	A-L21	F264_HUMAN	6-PHOSPHOFRUCTO-2-KINASE/FRUCTOSE-2,6-BIPHOSPHATASE 4 (6PF-2-K/FRU- 2,6-P2ASE TESTIS-TYPE ISOZYME) [INCLUDES: 6-PHOSPHOFRUCTO-2-KINASE (EC 2.7.1.105); FRUCTOSE-2,6-BISPHOSPHATASE (EC 3.1.3.46)].
NTWGCNLSLRTAL	A-L22	B176-F	LAMIN A (70 kD LAMIN)
IVAENPEYLSEFS	A-L23	ERB4_HUMAN	ERBB-4 RECEPTOR PROTEIN-TYROSINE KINASE (EC 2.7.1.112) (P180 ERB4) (TYROSINE KINASE-TYPE CELL SURFACE RECEPTOR HER4).
SNDSTSVSAVASN	A-L24	B353-K	MUSCARINIC ACETYLCHOLINE RECEPTOR M2
TFLPVPEYINQSV	A-M1	EGFR_HUMAN	EPIDERMAL GROWTH FACTOR RECEPTOR (EC 2.7.1.112).
DEICIAGSPLTPR	A-M2	RBL2_HUMAN	RETINOBLASTOMA-LIKE PROTEIN 2 (130 KDA RETINOBLASTOMA-ASSOCIATED PROTEIN) (PRB2) (P130) (RBR-2).
GSPGMKIYIDPFT	A-M3	EPB1_HUMAN	EPHRIN TYPE-B RECEPTOR 1 (EC 2.7.1.112) (TYROSINE-PROTEIN KINASE RECEPTOR EPH-2) (NET) (HEK6) (ELK).
TDNLLPMSPEEFD	A-M4	STA1_HUMAN	SIGNAL TRANSDUCER AND ACTIVATOR OF TRANSCRIPTION 1-ALPHA/BETA (TRANSCRIPTION FACTOR ISGF-3 COMPONENTS P91/P84).
KGTVEGNYVSLTR	A-M5	RBL2_HUMAN	RETINOBLASTOMA-LIKE PROTEIN 2 (130 KDA RETINOBLASTOMA-ASSOCIATED PROTEIN) (PRB2) (P130) (RBR-2).
SSPTAAGTPNKET	A-M6	CALD_HUMAN	CALDESMON (CDM).
KKKTAKISQSAQT	A-M7	RYNR_HUMAN	RYANODINE RECEPTOR, SKELETAL MUSCLE (SKELETAL MUSCLE CALCIUM RELEASE CHANNEL).

YKPLYIPSNRVND	A-M8	G19P_HUMAN	PROTEIN KINASE C SUBSTRATE, 80 KDA PROTEIN, HEAVY CHAIN (PKCSH) (80K-H PROTEIN).
LCNMYKDSHHPAR	A-M9	MBP_HUMAN	MYELIN BASIC PROTEIN (MBP).
RPSQRHGSKYLAT	A-M10	MBP_HUMAN	MYELIN BASIC PROTEIN (MBP).
FKYPRPSSVPPSP	A-M11	UGS2_HUMAN	GLYCOGEN [STARCH] SYNTHASE, LIVER (EC 2.4.1.11).
RYFLDDQYTSSSG	A-M12	TEC_HUMAN	TYROSINE-PROTEIN KINASE TEC (EC 2.7.1.112).
DVHNLDDYKKTNN	A-M13	FGR3_HUMAN	FIBROBLAST GROWTH FACTOR RECEPTOR 3 (FGFR-3) (EC 2.7.1.112).
GVRLLDQDSVDFSL	A-M14	VIME_HUMAN	VIMENTIN.
EQGKRNFASKMSV	A-M15	RYNR_HUMAN	RYANODINE RECEPTOR, SKELETAL MUSCLE (SKELETAL MUSCLE CALCIUM RELEASE CHANNEL).
PSVEPPLSQETFSS	A-M16	P53_HUMAN	CELLULAR TUMOR ANTIGEN P53 (PHOSPHOPROTEIN P53).
FMSSRRQSVLVKSS	A-M17	B170-B	GLUTAMATE RECEPTOR 6 (GLUR-6) (GLUTAMATE RECEPTOR,
FKKSFKLSGFSSFK	A-M18	MACS_HUMAN	MYRISTOYLATED ALANINE-RICH C-KINASE SUBSTRATE (MARCKS) (PROTEIN KINASE C SUBSTRATE, 80 KDA PROTEIN, LIGHT CHAIN) (PKCSL) (80K-L PROTEIN).
SGLYRSPSPENL	A-M19	MPI3_HUMAN	M-PHASE INDUCER PHOSPHATASE 3 (EC 3.1.3.48).
NEEESSYSYEEIN	A-M20	RRPP_HRSVL	RNA POLYMERASE ALPHA SUBUNIT (EC 2.7.7.48) (PHOSPHOPROTEIN P).
PGETPPLSPIDME	A-M21	B006-C	TRANSCRIPTION FACTOR AP-1 (PROTO-ONCOGENE C-JUN)
VISDGGDSEQFID	A-M22	PRPC_HUMAN	SALIVARY ACIDIC PROLINE-RICH PHOSPHOPROTEIN 1/2 (PRP-1/PRP- 3) (PRP-2/PRP-4) (PIF-F/PIF-S) (PROTEIN A/PROTEIN C) [CONTAINS: PEPTIDE P-C].
LLPTPPLSPSRRS	A-M23	MYC_HUMAN	MYC PROTO-ONCOGENE PROTEIN (C-MYC).
ALGADDSYYTARS	A-M24	ZA70_HUMAN	TYROSINE-PROTEIN KINASE ZAP-70 (EC 2.7.1.112) (70 KDA ZETA-ASSOCIATED PROTEIN) (SYK-RELATED TYROSINE KINASE).
GSVQNPVYHNQPL	A-N1	EGFR_HUMAN	EPIDERMAL GROWTH FACTOR RECEPTOR (EC 2.7.1.112).
PHLDRLVRSARSVS	A-N2	A009-A	HEPATOCTE GROWTH FACTOR RECEPTOR (HGF-SF RECEPTOR)

DKKGNFNYVEFTR	A-N3	A055-D	MYOSIN REGULATORY LIGHT CHAIN 2, SMOOTH MUSCLE ISOFORM
NRFTRRASVCAEA	A-N4	KAP3_HUMAN	CAMP-DEPENDENT PROTEIN KINASE TYPE II-BETA REGULATORY CHAIN.
DPGSVLSTACGTP	A-N5	KCC1_HUMAN	CALCIUM/CALMODULIN-DEPENDENT PROTEIN KINASE TYPE I (EC 2.7.1.123) (CAM KINASE I).
VDAQGTLSKIFKL	A-N6	MBP_HUMAN	MYELIN BASIC PROTEIN (MBP).
LVEPLTPSGEAPN	A-N7	B046-A	EPIDERMAL GROWTH FACTOR RECEPTOR (EGFR)
DPSSPRASPAHSP	A-N8	TLE1_HUMAN	TRANSDUCIN-LIKE ENHANCER PROTEIN 1 (ESG1).
PGKARKKSSCQLL	A-N9	B130-A	RAS-RELATED PROTEIN RAP-1B (GTP-BINDING PROTEIN SMG P21B)
RGEPNVSYICSRY	A-N10	KG3B_HUMAN	GLYCOGEN SYNTHASE KINASE-3 BETA (EC 2.7.1.37) (GSK-3 BETA).
GRADYKSAHKGF	A-N11	MBP_HUMAN	MYELIN BASIC PROTEIN (MBP).
DEEEDDDSEEDDEE	A-N12	NUCL_HUMAN	NUCLEOLIN (PROTEIN C23).
SSNDSRSSLIRKR	A-N13	B037-A	MULTIDRUG RESISTANCE PROTEIN 1 (P-GLYCOPROTEIN 1)
KEVHKSGYLSSER	A-N14	EZRI_HUMAN	EZRIN (P81) (CYTOVILLIN) (VILLIN-2).
DMKGDVKYADIES	A-N15	A002-G	BETA PLATELET-DERIVED GROWTH FACTOR RECEPTOR
LDIEQFSTVKGVN	A-N16	GRK5_HUMAN	G PROTEIN-COUPLED RECEPTOR KINASE GRK5 (EC 2.7.1.-).
GLAKSFGSPNRAY	A-N17	CDK7_HUMAN	CELL DIVISION PROTEIN KINASE 7 (EC 2.7.1.-) (CDK-ACTIVATING KINASE) (CAK) (39 KDA PROTEIN KINASE) (P39 MO15) (STK1) (CAK1).
DIMRDSNYISKGS	A-N18	PGDR_HUMAN	BETA PLATELET-DERIVED GROWTH FACTOR RECEPTOR (EC 2.7.1.112) (PDGF-R-BETA) (CD140B ANTIGEN).
KAPRDPVTENCVQ	A-N19	B353-E	MUSCARINIC ACETYLCHOLINE RECEPTOR M2
PWLKPGRSPLPSH	A-N20	MBP_HUMAN	MYELIN BASIC PROTEIN (MBP).
EFPSRGKSSSYSK	A-N21	B066-C	FIBRINOGEN
HLESGMKSSKSKD	A-N22	RGS1_HUMAN	REGULATOR OF G-PROTEIN SIGNALING 1 (RGS1) (EARLY RESPONSE PROTEIN 1R20) (B-CELL ACTIVATION PROTEIN BL34).

VLKEQTGSDDDEDE	A-N23	DCOR_HUMAN	ORNITHINE DECARBOXYLASE (EC 4.1.1.17) (ODC).
ISGYLVDSVAKTI	A-N24	MPK6_HUMAN	DUAL SPECIFICITY MITOGEN-ACTIVATED PROTEIN KINASE KINASE 6 (EC 2.7.1.-) (MAP KINASE KINASE 6) (MAPKK 6) (MAPK/ERK KINASE 6) (SAPKK3).
RDMYDKEYYSVHN	A-O1	A009-B	HEPATOCTE GROWTH FACTOR RECEPTOR (HGF-SF RECEPTOR)
KVTSKCGSLGNIH	A-O2	B154-G	MICROTUBULE-ASSOCIATED PROTEIN TAU
SSVIGWPTVRERM	A-O3	NEF_HV1H2	NEGATIVE FACTOR (F-PROTEIN) (27 KDA PROTEIN) (3'ORF).
VCDCKRNSDVMD	A-O4	CIC2_HUMAN	DIHYDROPYRIDINE-SENSITIVE L-TYPE, CALCIUM CHANNEL ALPHA-2/DELTA SUBUNITS .
ARTAHYGSLPQKS	A-O5	MBP_HUMAN	MYELIN BASIC PROTEIN (MBP).
EQQLFYISQPGSS	A-O6	MR11_HUMAN	DOUBLE-STRAND BREAK REPAIR PROTEIN MRE11A (MRE11 HOMOLOG 1).
NLLKKFRSSTSSS	A-O7	CIK4_HUMAN	VOLTAGE-GATED POTASSIUM CHANNEL PROTEIN KV1.4 (HK1) (HPCN2) (HBK4) (HUKII).
LCEDLPGTEDFVG	A-O8	B204-E	BETA-2 ADRENERGIC RECEPTOR
RHTDDEMTGYVAT	A-O9	MK14_HUMAN	MITOGEN-ACTIVATED PROTEIN KINASE 14 (EC 2.7.1.-) (MITOGEN-ACTIVATED PROTEIN KINASE P38) (MAP KINASE P38) (CYTOKINE SUPPRESSIVE ANTI-INFLAMMATORY DRUG BINDING PROTEIN) (CSAID BINDING PROTEIN) (CSBP (MAX-INTERACTING PROTEIN 2) (MAP KINASE MXI2).
TQGGGSVTKKRKL	A-O10	B176-J	LAMIN A (70 KD LAMIN)
ENVPLDRSSHQQR	A-O11	B141-A	INSULIN RECEPTOR (IR)
MEQKKRVTMILQS	A-O12	ADDB_HUMAN	BETA ADDUCIN (ERYTHROCYTE ADDUCIN BETA SUBUNIT).
TQDENTVSTSLGH	A-O13	B353-O	MUSCARINIC ACETYLCHOLINE RECEPTOR M2
RDVYSTDYRVGG	A-O14	TRKB_HUMAN	BDNF/NT-3 GROWTH FACTORS RECEPTOR (EC 2.7.1.112) (TRKB TYROSINE KINASE) (GP145-TRKB) (TRK-B).
RSRVVGGSLRGAQ	A-O15	PTN1_HUMAN	PROTEIN-TYROSINE PHOSPHATASE 1B (EC 3.1.3.48) (PTP-1B).
GPMRRSKSPADSA	A-O16	DCX_HUMAN	DOUBLECORTIN (LISSENCEPHALIN-X) (LIS-X) (DOUBLIN).

VLDIEQFSTVKGV	A-O17	GRK6_HUMAN	G PROTEIN-COUPLED RECEPTOR KINASE GRK6 (EC 2.7.1.-).
PSFLRAPSWFDTG	A-O18	CRAB_HUMAN	ALPHA CRYSTALLIN B CHAIN (ALPHA(B)-CRYSTALLIN) (ROSENTHAL FIBER COMPONENT).
RKGAGDGSDEEVD	A-O19	B073-B	MYOSIN HEAVY CHAIN, NONMUSCLE TYPE A (NMMHC-A)
TSSSQLSTPKSKQ	A-O20	DCX_HUMAN	DOUBLECORTIN (LISSENCEPHALIN-X) (LIS-X) (DOUBLIN).
LSSLRASTSKSES	A-O21	RS6_HUMAN	40S RIBOSOMAL PROTEIN S6 (PHOSPHOPROTEIN NP33).
RGGVKRISGLIYE	A-O22	B059-B	HISTONE H4
AILRRPTSPVSRE	A-O23	B257-B	EARLY E1A 32 kD PROTEIN
LNQGVRTYVDPFT	A-O24	EPA4_HUMAN	EPHRIN TYPE-A RECEPTOR 4 (EC 2.7.1.112) (TYROSINE-PROTEIN KINASE RECEPTOR SEK) (RECEPTOR PROTEIN-TYROSINE KINASE HEK8).

Sequence Information Blue Plate B

Sequence	Code	ID	Protein
QASSPQSSDVEDE	B-A1	UGS2_HUMAN	GLYCOGEN [STARCH] SYNTHASE, LIVER (EC 2.4.1.11).
DQARKAVSMHEVN	B-A2	NAC1_HUMAN	SODIUM/CALCIUM EXCHANGER 1 (NA+/CA2+-EXCHANGE PROTEIN 1).
SLLKKRDSFRTPR	B-A3	MYPC_HUMAN	MYOSIN-BINDING PROTEIN C, CARDIAC-TYPE (CARDIAC MYBP-C) (C-PROTEIN, CARDIAC MUSCLE ISOFORM).
CADVPLLLTPSSKE	B-A4	ETS1_HUMAN	C-ETS-1 PROTEIN (P54) (C-ETS-1A AND C-ETS-1B).
KTPDGNKSPAPKP	B-A5	CALD_HUMAN	CALDESMON (CDM).
GGPTTPLSPTRLIS	B-A6	B008-A	LAMIN B1
EKESNDSTSVSA	B-A7	B353-H	MUSCARINIC ACETYLCHOLINE RECEPTOR M2
DSDLRRSSTMS	B-A8	CIK1_HUMAN	VOLTAGE-GATED POTASSIUM CHANNEL PROTEIN KV1.1 (HUKI) (HBK1).
SQITSQVTGQIGW	B-A9	AP50_HUMAN	CLATHRIN COAT ASSEMBLY PROTEIN AP50 (CLATHRIN COAT ASSOCIATED PROTEIN AP50) (PLASMA MEMBRANE ADAPTOR AP-2 50 KDA PROTEIN) (HA2 50 KDA SUBUNIT) (CLATHRIN ASSEMBLY PROTEIN COMPLEX 2 MEDIUM CHAIN) (AP 2 MU 2 CHAIN) (KIAA0109).
RELVEPLTPSGEA	B-A10	B046-E	EPIDERMAL GROWTH FACTOR RECEPTOR (EGFR)
EAQKVIYTLMEKD	B-A11	RGS1_HUMAN	REGULATOR OF G-PROTEIN SIGNALING 1 (RGS1) (EARLY RESPONSE PROTEIN 1R20) (B-CELL ACTIVATION PROTEIN BL34).
LHALGKATPIYLD	B-A12	TRKC_HUMAN	NT-3 GROWTH FACTOR RECEPTOR (EC 2.7.1.112) (TRKC TYROSINE KINASE) (GP145-TRKC) (TRK-C).
DSPSDGGTPGRMP	B-A13	RBL2_HUMAN	RETINOBLASTOMA-LIKE PROTEIN 2 (130 KDA RETINOBLASTOMA-ASSOCIATED PROTEIN) (PRB2) (P130) (RBR-2).
KKLERNLSFEIKK	B-A14	B195-B	PROTEIN-TYROSINE PHOSPHATASE G1 (PTP-PEST)
SGSSDSRSHQNSP	B-A15	RBL2_HUMAN	RETINOBLASTOMA-LIKE PROTEIN 2 (130 KDA RETINOBLASTOMA-ASSOCIATED PROTEIN) (PRB2) (P130) (RBR-2).

LHPPPQLSPFLQP	B-A16	ESR1_HUMAN	ESTROGEN RECEPTOR (ER) (ESTRADIOL RECEPTOR) (ER-ALPHA).
YVHVNATYVNVKC	B-A17	A009-D	HEPATOCTE GROWTH FACTOR RECEPTOR (HGF-SF RECEPTOR)
TIESLSSSEESIT	B-A18	CASB_HUMAN	BETA CASEIN .
CNRTFRKTFKMLL	B-A19	ACM5_HUMAN	MUSCARINIC ACETYLCHOLINE RECEPTOR M5.
TASTRKVSLAPQA	B-A20	CFTR_HUMAN	CYSTIC FIBROSIS TRANSMEMBRANE CONDUCTANCE REGULATOR (CFTR) (CAMP- DEPENDENT CHLORIDE CHANNEL).
RAGETRFTDTRKD	B-A21	EF2_HUMAN	ELONGATION FACTOR 2 (EF-2).
VSTQLVNSIAKTY	B-A22	MPK5_HUMAN	DUAL SPECIFICITY MITOGEN-ACTIVATED PROTEIN KINASE KINASE 5 (EC 2.7.1.-) (MAP KINASE KINASE 5) (MAPKK 5) (MAPK/ERK KINASE 5).
RAGKRRPSRLVAL	B-A23	B1AR_HUMAN	BETA-1 ADRENERGIC RECEPTOR.
VAYSPKRSPKENL	B-A24	MPP9_HUMAN	M-PHASE PHOSPHOPROTEIN 9 (FRAGMENT).
INSIRKFSIVQKT	B-B1	CFTR_HUMAN	CYSTIC FIBROSIS TRANSMEMBRANE CONDUCTANCE REGULATOR (CFTR) (CAMP- DEPENDENT CHLORIDE CHANNEL).
LTWLWTSDSAGEEC	B-B2	B140-A	14-3-3 PROTEIN TAU (14-3-3 PROTEIN THETA) (HS1 PROTEIN)
PQKSHGRTQDENP	B-B3	MBP_HUMAN	MYELIN BASIC PROTEIN (MBP).
GSPSKSPSKKKKK	B-B4	ADDB_HUMAN	BETA ADDUCIN (ERYTHROCYTE ADDUCIN BETA SUBUNIT).
AAAAAPASEDEDD	B-B5	NUCL_HUMAN	NUCLEOLIN (PROTEIN C23).
TYRYHGHSMSPDG	B-B6	ODPT_HUMAN	PYRUVATE DEHYDROGENASE E1 COMPONENT ALPHA SUBUNIT, TESTIS-SPECIFIC FORM, MITOCHONDRIAL (EC 1.2.4.1) (PDHE1-A TYPE II).
LKGKRGDSGSPAT	B-B7	CA34_HUMAN	COLLAGEN ALPHA 3(IV) CHAIN .
VVRTPPKSPSSAK	B-B8	B154-D	MICROTUBULE-ASSOCIATED PROTEIN TAU
KVDNEDIYESRHE	B-B9	FRK_HUMAN	TYROSINE-PROTEIN KINASE FRK (EC 2.7.1.112) (NUCLEAR TYROSINE PROTEIN KINASE RAK).
RLFVENDSPSDGG	B-B10	RBL2_HUMAN	RETINOBLASTOMA-LIKE PROTEIN 2 (130 KDA RETINOBLASTOMA-ASSOCIATED PROTEIN) (PRB2) (P130) (RBR-2).

DQPSEPPSPATTP	B-B11	TLE2_HUMAN	TRANSDUCIN-LIKE ENHANCER PROTEIN 2 (ESG2).
SQKVVVTTPLHRD	B-B12	MYBB_HUMAN	MYB-RELATED PROTEIN B (B-MYB).
RPNPCAYTPPSLK	B-B13	IPPD_HUMAN	DOPAMINE- AND CAMP-REGULATED NEURONAL PHOSPHOPROTEIN (DARPP-32).
YQAEENTYDEYEN	B-B14	A008-D	CORTACTIN, Src SUBSTRATE P80/85 PROTEINS
AFDLFKLTPEEKN	B-B15	MPP8_HUMAN	M-PHASE PHOSPHOPROTEIN 8 (FRAGMENT).
RYMEDSTYYKASK	B-B16	FAK1_HUMAN	FOCAL ADHESION KINASE 1 (EC 2.7.1.112) (FADK 1) (PP125FAK) (PROTEIN-TYROSINE KINASE 2).
NRYGMGTSVERAA	B-B17	ODPA_HUMAN	PYRUVATE DEHYDROGENASE E1 COMPONENT ALPHA SUBUNIT, SOMATIC FORM, MITOCHONDRIAL (EC 1.2.4.1) (PDHE1-A TYPE I).
KNAKKEDSDEEED	B-B18	NUCL_HUMAN	NUCLEOLIN (PROTEIN C23).
QRSRGRASSHSSQ	B-B19	B176-D	LAMIN A (70 kD LAMIN)
IAEPMRRSVSEAA	B-B20	LIPS_HUMAN	HORMONE SENSITIVE LIPASE (EC 3.1.1.-) (HSL).
DPGSAAPYLKTKF	B-B21	STA3_HUMAN	SIGNAL TRANSDUCER AND ACTIVATOR OF TRANSCRIPTION 3 (ACUTE-PHASE RESPONSE FACTOR).
ERNRAAASRCRQK	B-B22	B116-C	cAMP RESPONSE ELEMENT-BINDING PROTEIN CRE-BP1
KHDTEMKYYIVHL	B-B23	DYRA_HUMAN	DUAL-SPECIFICITY TYROSINE-PHOSPHORYLATION REGULATED KINASE 1A (EC 2.7.1.-) (PROTEIN KINASE MINIBRAIN HOMOLOG) (MNBH) (HP86) (DUAL SPECIFICITY YAK1-RELATED KINASE).
EITQDENTVSTSL	B-B24	B353-N	MUSCARINIC ACETYLCHOLINE RECEPTOR M2
LSPIDMESQERIK	B-C1	B006-D	TRANSCRIPTION FACTOR AP-1 (PROTO-ONCOGENE C-JUN)
THIGPRTTTRAQGI	B-C2	KGPA_HUMAN	CGMP-DEPENDENT PROTEIN KINASE 1, ALPHA ISOZYME (EC 2.7.1.37) (CGK 1 ALPHA) (CGKI-ALPHA).
SKQSPISTPTSPG	B-C3	DCX_HUMAN	DOUBLECORTIN (LISSENCEPHALIN-X) (LIS-X) (DOUBLIN).
LRGAQAASPAKGE	B-C4	PTN1_HUMAN	PROTEIN-TYROSINE PHOSPHATASE 1B (EC 3.1.3.48) (PTP-1B).

PLASPEPTKKPRI	B-C5	F26P_HUMAN	6PF-2-K/FRU-2,6-P2ASE BRAIN/PLACENTA-TYPE ISOZYME [INCLUDES: 6-PHOSPHOFRUCTO-2-KINASE (EC 2.7.1.105); FRUCTOSE-2,6-BISPHOSPHATASE (EC 3.1.3.46)].
KEKMKELSMLSLI	B-C6	SCG1_HUMAN	SCG10 PROTEIN (SUPERIOR CERVICAL GANGLION-10 PROTEIN).
HYTLDFLSPKTFQ	B-C7	Z145_HUMAN	ZINC FINGER PROTEIN PLZF (PROMYELOCYTIC LEUKEMIA ZINC FINGER PROTEIN) (ZINC FINGER PROTEIN 145).
PRSKGQESFKKQE	B-C8	B159-B	NUCLEOPHOSMIN (NUCLEOLAR PHOSPHOPROTEIN B23)
LQARRRQSVLNLM	B-C9	CFTR_HUMAN	CYSTIC FIBROSIS TRANSMEMBRANE CONDUCTANCE REGULATOR (CFTR) (CAMP- DEPENDENT CHLORIDE CHANNEL).
KDIIRQPSEEEII	B-C10	PE15_HUMAN	ASTROCYTIC PHOSPHOPROTEIN PEA-15 (PED).
CNKAFRDTFRLLL	B-C11	ACM1_HUMAN	MUSCARINIC ACETYLCHOLINE RECEPTOR M1.
KKKFRTPSFLKKS	B-C12	ADDB_HUMAN	BETA ADDUCIN (ERYTHROCYTE ADDUCIN BETA SUBUNIT).
RLSSLRASTSKSE	B-C13	B043-C	40S RIBOSOMAL PROTEIN S6 (PHOSPHOPROTEIN NP33)
LMPVSAQTPKGRR	B-C14	MPP8_HUMAN	M-PHASE PHOSPHOPROTEIN 8 (FRAGMENT).
QSTKVPQTPLHTS	B-C15	MKK2_HUMAN	MAP KINASE-ACTIVATED PROTEIN KINASE 2 (EC 2.7.1.-) (MAPK-ACTIVATED PROTEIN KINASE 2) (MAPKAP KINASE 2) (MAPKAPK-2).
ADSEMTGYVVTRW	B-C16	MK12_HUMAN	MITOGEN-ACTIVATED PROTEIN KINASE 12 (EC 2.7.1.-) (EXTRACELLULAR SIGNAL-REGULATED KINASE 6) (EC 2.7.1.-) (ERK6) (ERK5) (STRESS- ACTIVATED PROTEIN KINASE-3) (MITOGEN-ACTIVATED PROTEIN KINASE P38 GAM A) (MAP KINASE P38 GAMMA).
DSLRYDSGDGKS	B-C17	TLE3_HUMAN	TRANSDUCIN-LIKE ENHANCER PROTEIN 3 (ESG3).
IGHGTKVYIDPFT	B-C18	EPB4_HUMAN	EPHRIN TYPE-B RECEPTOR 4 (EC 2.7.1.112) (TYROSINE-PROTEIN KINASE RECEPTOR HTK).
HPGYINFSYEVL	B-C19	AMEX_HUMAN	AMELOGENIN, X ISOFORM .
RLDGENIYIRHSN	B-C20	A012-A	PROTEIN 4.1 (BAND 4.1) (P4.1)

SFGLSAMSPTKAA	B-C21	Z145_HUMAN	ZINC FINGER PROTEIN PLZF (PROMYELOCYTIC LEUKEMIA ZINC FINGER PROTEIN) (ZINC FINGER PROTEIN 145).
EPKSPGEYINIDF	B-C22	IRS2_HUMAN	INSULIN RECEPTOR SUBSTRATE-2 (IRS-2).
TQNVPKDTMDHVN	B-C23	CIN6_HUMAN	SODIUM CHANNEL PROTEIN, CARDIAC AND SKELETAL MUSCLE ALPHA-SUBUNIT.
LARETIESLSSE	B-C24	CASB_HUMAN	BETA CASEIN .
LLNKRRGSVPILR	B-D1	B087-A	ERYTHROCYTE MEMBRANE PROTEIN BAND 4.2 (P4.2) (PALLIDIN)
HFFKNIIVTPRTPP	B-D2	MBP_HUMAN	MYELIN BASIC PROTEIN (MBP).
EYLTRDSSILGPH	B-D3	CCAE_HUMAN	VOLTAGE-DEPENDENT R-TYPE CALCIUM CHANNEL ALPHA-1E SUBUNIT (CALCIUM CHANNEL, L TYPE, ALPHA-1 POLYPEPTIDE, ISOFORM 6) (BRAIN CALCIUM CHANNEL II) (BII).
NQNSRRPSRATWL	B-D4	VTNC_HUMAN	VITRONECTIN (SERUM SPREADING FACTOR) (S-PROTEIN) [CONTAINS: SOMATOMEDIN B].
RPRGQRDSSYYWE	B-D5	KRAF_HUMAN	RAF PROTO-ONCOGENE SERINE/THREONINE-PROTEIN KINASE (EC 2.7.1.-) (RAF-1) (C-RAF).
TASSGADYPDELQ	B-D6	TRY1_HUMAN	TRYPSIN I (EC 3.4.21.4) (CATIONIC TRYPSINOGEN).
LRAQRASSNVFSN	B-D7	MLR5_HUMAN	SUPERFAST MYOSIN REGULATORY LIGHT CHAIN 2 (MYOSIN REGULATORY LIGHT CHAIN 5).
KIYSGDYRQGCA	B-D8	TYO3_HUMAN	TYROSINE-PROTEIN KINASE RECEPTOR TYRO3 (TYROSINE-PROTEIN KINASE RSE) (TYROSINE-PROTEIN KINASE SKY) (TYROSINE-PROTEIN KINASE DTK).
AITSTLASSFKRR	B-D9	NMZ1_HUMAN	GLUTAMATE [NMDA] RECEPTOR SUBUNIT ZETA 1 (NR1).
SKDESVDYVPMMLD	B-D10	PGDR_HUMAN	BETA PLATELET-DERIVED GROWTH FACTOR RECEPTOR (EC 2.7.1.112) (PDGF-R-BETA) (CD140B ANTIGEN).
SGASTGIYEALEL	B-D11	A003-A	ALPHA ENOLASE
CYEQLNDSSEED	B-D12	B228-A	E7 PROTEIN
TKREIMLTPVTVA	B-D13	MPP9_HUMAN	M-PHASE PHOSPHOPROTEIN 9 (FRAGMENT).

QCKDKEATKLTEE	B-D14	FYN_HUMAN	PROTO-ONCOGENE TYROSINE-PROTEIN KINASE FYN (EC 2.7.1.112) (P59-FYN) (SYN) (SLK).
RSGSRRGSFDTG	B-D15	DESP_HUMAN	DESMOPLAKIN I AND II (DPI AND DPII) (FRAGMENT).
EAIKMGRYTEIFM	B-D16	EPA5_HUMAN	EPHRIN TYPE-A RECEPTOR 5 (EC 2.7.1.112) (TYROSINE-PROTEIN KINASE RECEPTOR EHK-1) (EPH HOMOLOGY KINASE-1) (RECEPTOR PROTEIN-TYROSINE KINASE HEK7).
RYAQDDFSLDENE	B-D17	DCX_HUMAN	DOUBLECORTIN (LISSENCEPHALIN-X) (LIS-X) (DOUBLIN).
RGLKRSLSEMEIG	B-D18	B296-E	SERUM RESPONSE FACTOR (SRF)
GPFPGSQTSDTLP	B-D19	PRGR_HUMAN	PROGESTERONE RECEPTOR (PR).
AVEEDAESEDEEEE	B-D20	NPM_HUMAN	NUCLEOPHOSMIN (NPM) (NUCLEOLAR PHOSPHOPROTEIN B23) (NUMATRIN) (NUCLEOLAR PROTEIN NO38).
SMSDPGVSYRTRE	B-D21	ODPT_HUMAN	PYRUVATE DEHYDROGENASE E1 COMPONENT ALPHA SUBUNIT, TESTIS-SPECIFIC FORM, MITOCHONDRIAL (EC 1.2.4.1) (PDHE1-A TYPE II).
EGEEDTEYMT PSS	B-D22	CBL_HUMAN	PROTO-ONCOGENE C-CBL.
KEEEEGISQESSE	B-D23	HMGY_HUMAN	HIGH MOBILITY GROUP PROTEIN HMG-Y.
YISKAEEYFLLKS	B-D24	ACHD_HUMAN	ACETYLCHOLINE RECEPTOR PROTEIN, DELTA CHAIN .
LDTSSVLYTAVQP	B-E1	A002-K	BETA PLATELET-DERIVED GROWTH FACTOR RECEPTOR
SSVTVTRSYSR SVG	B-E2	B176-G	LAMIN A (70 kD LAMIN)
FGYGGRASDYKSA	B-E3	MBP_HUMAN	MYELIN BASIC PROTEIN (MBP).
EKMESSISSSSEE	B-E4	CAS1_HUMAN	ALPHA-S1 CASEIN .
EDENGDITPIKAK	B-E5	MPP6_HUMAN	M-PHASE PHOSPHOPROTEIN 6.
VLCLRKGGGAKDA	B-E6	SSR5_HUMAN	SOMATOSTATIN RECEPTOR TYPE 5 (SS5R).
RLSISAESQSPGT	B-E7	KPB1_HUMAN	PHOSPHORYLASE B KINASE ALPHA REGULATORY CHAIN, SKELETAL MUSCLE ISOFORM (PHOSPHORYLASE KINASE ALPHA M SUBUNIT).
FLSEETPYSYPTG	B-E8	A007-A	PAXILLIN

VPWEDRMSLVNSR	B-E9	B311-C	CYSTATIN S (SALIVARY ACIDIC PROTEIN-1)
KEREKEISDDEAE	B-E10	HS9B_HUMAN	HEAT SHOCK PROTEIN HSP 90-BETA (HSP 84) (HSP 90).
DSMKDEEYEQMVK	B-E11	MAD3_HUMAN	MAJOR HISTOCOMPATIBILITY COMPLEX ENHANCER-BINDING PROTEIN MAD3 (NUCLEAR FACTOR KAPPA-B INHIBITOR) (I-KAPPA-B-ALPHA) (IKBA).
LIDSMANSFVGTR	B-E12	MPK1_HUMAN	DUAL SPECIFICITY MITOGEN-ACTIVATED PROTEIN KINASE KINASE 1 (EC 2.7.1.-) (MAP KINASE KINASE 1) (MAPKK 1) (ERK ACTIVATOR KINASE 1) (MAPK/ERK KINASE 1) (MEK1).
CMDKYRLSCLEEE	B-E13	NS2A_HUMAN	NITRIC OXIDE SYNTHASE, INDUCIBLE (EC 1.14.13.39) (NOS, TYPE II) (INDUCIBLE NOS) (INOS) (HEPATOCYTE NOS) (HEP-NOS).
GRKGSQDYMPMSP	B-E14	IRS1_HUMAN	INSULIN RECEPTOR SUBSTRATE-1 (IRS-1).
KKDTETVYSEVRK	B-E15	PEC1_HUMAN	PLATELET ENDOTHELIAL CELL ADHESION MOLECULE (PECAM-1) (CD31 ANTIGEN) (ENDOCAM) (GPIIA').
EREGSKRYCIQTK	B-E16	AMPE_HUMAN	GLUTAMYL AMINOPEPTIDASE (EC 3.4.11.7) (EAP) (AMINOPEPTIDASE A) (APA) (DIFFERENTIATION ANTIGEN GP160).
LEDIKRLTPRFTL	B-E17	CIC2_HUMAN	DIHYDROPYRIDINE-SENSITIVE L-TYPE, CALCIUM CHANNEL ALPHA-2/DELTA SUBUNITS .
VKSRWSGSQQVEQ	B-E18	B193-B	RAF PROTO-ONCOGENE SEINE/THREONINE-PROTEIN KINASE (RAF-1)
AVRDMRQTVAVGV	B-E19	B163-A	ELONGATION FACTOR 1-ALPHA 1 (EF-1-ALPHA-1)
KEVVRTDSLKGRR	B-E20	NR41_HUMAN	ORPHAN NUCLEAR RECEPTOR HMR (EARLY RESPONSE PROTEIN NAK1) (TR3 ORPHAN RECEPTOR).
KDGATMKTFCGTP	B-E21	KRAC_HUMAN	RAC-ALPHA SERINE/THREONINE KINASE (EC 2.7.1.-) (RAC-PK-ALPHA) (PROTEIN KINASE B) (PKB) (C-AKT).
ICRHVRYSTNNGN	B-E22	NS2A_HUMAN	NITRIC OXIDE SYNTHASE, INDUCIBLE (EC 1.14.13.39) (NOS, TYPE II) (INDUCIBLE NOS) (INOS) (HEPATOCYTE NOS) (HEP-NOS).
LARRRKATQVGEK	B-E23	VASP_HUMAN	VASODILATOR-STIMULATED PHOSPHOPROTEIN (VASP).
NYLRRRLSDSNFM	B-E24	SYN1_HUMAN	SYNAPSIN I (BRAIN PROTEIN 4.1).

DIKNSDNYVVKGN	B-F1	KKIT_HUMAN	MAST/STEM CELL GROWTH FACTOR RECEPTOR (EC 2.7.1.112) (SCFR) (PROTO-ONCOGENE TYROSINE-PROTEIN KINASE KIT) (C-KIT) (CD117 ANTIGEN).
QAIKMDRYKDNFT	B-F2	B189-C	PLECKSTRIN (PLATELET P47 PROTEIN)
ISSVPTPSPLGPL	B-F3	B197-A	CASEIN KINASE II, ALPHA CHAIN (CKII) (EC 2.7.1.37)
VNVIPPHTPVRTV	B-F4	RB_HUMAN	RETINOBLASTOMA-ASSOCIATED PROTEIN (PP110) (P105-RB) (RB).
DAIKMGRYKESFV	B-F5	EPB3_HUMAN	EPHRIN TYPE-B RECEPTOR 3 (EC 2.7.1.112) (TYROSINE-PROTEIN KINASE RECEPTOR HEK-2).
SSTYQSTSETVSI	B-F6	PEPA_HUMAN	PEPSIN A (EC 3.4.23.1).
GHQGTVPSDNIDS	B-F7	B204-A	BETA-2 ADRENERGIC RECEPTOR
LGQTLKASMRELG	B-F8	CIK1_HUMAN	VOLTAGE-GATED POTASSIUM CHANNEL PROTEIN KV1.1 (HUKI) (HBK1).
KDKMAEAYSEIGM	B-F9	A057-B	T-CELL SURFACE GLYCOPROTEIN CD3 ZETA CHAIN
HHVPGHESRGPPP	B-F10	CST2_HUMAN	CLEAVAGE STIMULATION FACTOR, 64 KDA SUBUNIT (CSTF 64 KDA SUBUNIT) (CF-1 64 KDA SUBUNIT).
SLGFKRSYEEHIP	B-F11	B141-H	INSULIN RECEPTOR (IR)
QQKIRKYTMRRLL	B-F12	A066-A	ErbB-2 RECEPTOR PROTEIN-TYROSINE KINASE
GQDGVRQSRASDK	B-F13	B054-A	T-CELL SURFACE GLYCOPROTEIN CD3 GAMMA CHAIN (T3 GAMMA CHAIN)
VSQQLIDSMANSF	B-F14	MPK2_HUMAN	DUAL SPECIFICITY MITOGEN-ACTIVATED PROTEIN KINASE KINASE 2 (EC 2.7.1.-) (MAP KINASE KINASE 2) (MAPKK 2) (ERK ACTIVATOR KINASE 2) (MAPK/ERK KINASE 2) (MEK2).
CQRHLDISRELND	B-F15	LGN_HUMAN	MOSAIC PROTEIN LGN.
VSNEPSSPRASP	B-F16	TLE1_HUMAN	TRANSDUCIN-LIKE ENHANCER PROTEIN 1 (ESG1).
QSKVPFRSRPSE	B-F17	GPR6_HUMAN	PROBABLE G PROTEIN-COUPLED RECEPTOR GPR6.
TLTPVLLTPSSLP	B-F18	ELK1_HUMAN	ETS-DOMAIN PROTEIN ELK-1.
RGAPRRSSIRNA	B-F19	B060-A	NEUTROPHIL CYTOSOL FACTOR 2 (P47-PHOX)

AALSRMPSPGGRI	B-F20	MPP9_HUMAN	M-PHASE PHOSPHOPROTEIN 9 (FRAGMENT).
TYRIGHHSTSDDS	B-F21	ODBA_HUMAN	2-OXOISOVALERATE DEHYDROGENASE ALPHA SUBUNIT, MITOCHONDRIAL (EC 1.2.4.4) (BRANCHED-CHAIN ALPHA-KETO ACID DEHYDROGENASE COMPONENT ALPHA CHAIN (E1)) (BCKDH E1-ALPHA).
FQDIQQLSSEEND	B-F22	LECI_HUMAN	ASIALOGLYCOPROTEIN RECEPTOR 2 (HEPATIC LECTIN H2) (ASGP-R) (ASGPR).
MKIDEPSTPYHSM	B-F23	IPP2_HUMAN	PROTEIN PHOSPHATASE INHIBITOR 2 (IPP-2).
RLQRRRGSSIPQF	B-F24	F26L_HUMAN	6PF-2-K/FRU-2,6-P2ASE LIVER ISOZYME [INCLUDES: 6-PHOSPHOFRUCTO-2-KINASE (EC 2.7.1.105); FRUCTOSE-2,6-BISPHOSPHATASE (EC 3.1.3.46)].
FGMSRDVYSTDY	B-G1	TRKC_HUMAN	NT-3 GROWTH FACTOR RECEPTOR (EC 2.7.1.112) (TRKC TYROSINE KINASE) (GP145-TRKC) (TRK-C).
HIIENPQYFSDAC	B-G2	TRKA_HUMAN	HIGH AFFINITY NERVE GROWTH FACTOR RECEPTOR (EC 2.7.1.112) (TRK1 TRANSFORMING TYROSINE KINASE PROTEIN) (P140-TRKA) (TRK-A).
SGYSSPGSPGTPG	B-G3	B154-B	MICROTUBULE-ASSOCIATED PROTEIN TAU
RPPSAELYSNALP	B-G4	A002-E	BETA PLATELET-DERIVED GROWTH FACTOR RECEPTOR
SPISTPTSPGSLR	B-G5	DCX_HUMAN	DOUBLECORTIN (LISSENCEPHALIN-X) (LIS-X) (DOUBLIN).
IYISPLKSPYKIS	B-G6	RB_HUMAN	RETINOBLASTOMA-ASSOCIATED PROTEIN (PP110) (P105-RB) (RB).
PGLGRKLSDFGQE	B-G7	PH4H_HUMAN	PHENYLALANINE-4-HYDROXYLASE (EC 1.14.16.1) (PAH) (PHE-4-MONOOXYGENASE).
KSFLDSGYRILGA	B-G8	VINC_HUMAN	VINCULIN.
GGGGGEFYGYMTM	B-G9	IRS2_HUMAN	INSULIN RECEPTOR SUBSTRATE-2 (IRS-2).
EYEDENLYEGLNL	B-G10	C79A_HUMAN	B-CELL ANTIGEN RECEPTOR COMPLEX ASSOCIATED PROTEIN ALPHA-CHAIN (IG-ALPHA) (MB-1 MEMBRANE GLYCOPROTEIN) (SURFACE-IGM- ASSOCIATED PROTEIN) (MEMBRANE-BOUND IMMUNOGLOBULIN ASSOCIATED PROTEIN (CD79A).
SNFDKEFTRQPVE	B-G11	KPC1_HUMAN	PROTEIN KINASE C, BETA-I TYPE (EC 2.7.1.-) (PKC-BETA-1).

RPASVPPSPSLSR	B-G12	UGS1_HUMAN	GLYCOGEN [STARCH] SYNTHASE, MUSCLE (EC 2.4.1.11).
IGTAEPDYGALYE	B-G13	PIP4_HUMAN	1-PHOSPHATIDYLINOSITOL-4,5-BISPHOSPHATE PHOSPHODIESTERASE GAMMA 1 (EC 3.1.4.11) (PLC-GAMMA-1) (PHOSPHOLIPASE C-GAMMA-1) (PLC-II) (PLC-148).
SSMPGGSTPVSSA	B-G14	B197-C	CASEIN KINASE II, ALPHA CHAIN (CKII) (EC 2.7.1.37)
FGEKRKNSILNPI	B-G15	CFTR_HUMAN	CYSTIC FIBROSIS TRANSMEMBRANE CONDUCTANCE REGULATOR (CFTR) (CAMP- DEPENDENT CHLORIDE CHANNEL).
GDRSGYSSPGSPG	B-G16	B154-A	MICROTUBULE-ASSOCIATED PROTEIN TAU
TSVSAVASNMRDD	B-G17	B353-L	MUSCARINIC ACETYLCHOLINE RECEPTOR M2
KGVDAQGTLSKIF	B-G18	MBP_HUMAN	MYELIN BASIC PROTEIN (MBP).
FCKRRVESGEGSD	B-G19	DBL_HUMAN	PROTO-ONCOGENE DBL [CONTAINS: MCF2].
RGKEGPGTPTRSS	B-G20	Z145_HUMAN	ZINC FINGER PROTEIN PLZF (PROMYELOCYTIC LEUKEMIA ZINC FINGER PROTEIN) (ZINC FINGER PROTEIN 145).
PPTETGESSQAEE	B-G21	NEUM_HUMAN	NEUROMODULIN (AXONAL MEMBRANE PROTEIN GAP-43) (PP46) (B-50) (PROTEIN F1) (CALMODULIN-BINDING PROTEIN P-57).
MGKDGRGYVPATI	B-G22	STA6_HUMAN	SIGNAL TRANSDUCER AND ACTIVATOR OF TRANSCRIPTION 6 (IL-4 STAT).
YGSLPQKSHGRTQ	B-G23	MBP_HUMAN	MYELIN BASIC PROTEIN (MBP).
VASVMQEYEQSGG	B-G24	PSA2_HUMAN	PROTEASOME SUBUNIT ALPHA TYPE 2 (EC 3.4.99.46) (PROTEASOME COMPONENT C3) (MACROPAIN SUBUNIT C3) (MULTICATALYTIC ENDOPEPTIDASE COMPLEX SUBUNIT C3).
GLGRSITSPTTLY	B-H1	RBL2_HUMAN	RETINOBLASTOMA-LIKE PROTEIN 2 (130 KDA RETINOBLASTOMA-ASSOCIATED PROTEIN) (PRB2) (P130) (RBR-2).
REDSARVYENVGL	B-H2	A011-B	PROTEIN-TYROSINE PHOSPHATASE 2C (SH-PTP2).
ENFDKFFTRGQPV	B-H3	KPCA_HUMAN	PROTEIN KINASE C, ALPHA TYPE (EC 2.7.1.-) (PKC-ALPHA).
EYEPETVYEVAGA	B-H4	A008-C	CORTACTIN, SRC SUBSTRATE P80/85 PROTEINS

KAYGNGYSSNGNT	B-H5	B2AR_HUMAN	BETA-2 ADRENERGIC RECEPTOR.
TCSPQPEYVNQPD	B-H6	ERB2_HUMAN	RECEPTOR PROTEIN-TYROSINE KINASE ERBB-2 (EC 2.7.1.112) (P185ERBB2) (NEU PROTO-ONCOGENE) (C-ERBB-2) (TYROSINE KINASE-TYPE CELL SURFACE RECEPTOR HER2) (MLN 19).
KTPSSPVYQDAVS	B-H7	A008-A	CORTACTIN, SRC SUBSTRATE P80/85 PROTEINS
GTPTRKISASEFD	B-H8	CN5A_HUMAN	CGMP-SPECIFIC 3',5'-CYCLIC PHOSPHODIESTERASE (EC 3.1.4.17) (CGB-PDE) (CGMP-BINDING CGMP-SPECIFIC PHOSPHODIESTERASE).
GGRERLASTNDKG	B-H9	ESR1_HUMAN	ESTROGEN RECEPTOR (ER) (ESTRADIOL RECEPTOR) (ER-ALPHA).
AKALGKRTAKYRW	B-H10	NPT2_HUMAN	RENAL SODIUM-DEPENDENT PHOSPHATE TRANSPORT PROTEIN 2 (SODIUM/PHOSPHATE COTRANSPORTER 2) (NA(+)/PI COTRANSPORTER 2) (RENAL SODIUM-PHOSPHATE TRANSPORT PROTEIN 2) (RENAL NA+-DEPENDENT PHOSPHATE COTRANSPORTER 2).
EYVQTVKSSKGGP	B-H11	B088-A	ANNEXIN I (LIPOCORTIN I) (CALPACTIN II)
RVPTMRPSMSGLH	B-H12	COA2_HUMAN	ACETYL-COA CARBOXYLASE 2 (EC 6.4.1.2) (ACC-BETA) [INCLUDES: BIOTIN CARBOXYLASE (EC 6.3.4.14)].
EHIERRVSNAGGP	B-H13	VASP_HUMAN	VASODILATOR-STIMULATED PHOSPHOPROTEIN (VASP).
RGVQRKVSGRGS	B-H14	CIK5_HUMAN	VOLTAGE-GATED POTASSIUM CHANNEL PROTEIN KV1.5 (HK2) (HPCN1).
KSNVKIQSTPVKQ	B-H15	RB1A_HUMAN	RAS-RELATED PROTEIN RAB-1A (YPT1-RELATED PROTEIN).
AGALASSSKEENR	B-H16	B311-A	CYSTATIN S (SALIVARY ACIDIC PROTEIN-1)
DLILNRCSESTKR	B-H17	B060-H	NEUTROPHIL CYTOSOL FACTOR 2 (P47-PHOX)
ADIESSNYMAPYD	B-H18	A002-H	BETA PLATELET-DERIVED GROWTH FACTOR RECEPTOR
EQRMKESSFYSLC	B-H19	PRGR_HUMAN	PROGESTERONE RECEPTOR (PR).
SKRKGHEYTNIKY	B-H20	A011-A	PROTEIN-TYROSINE PHOSPHATASE 2C (SH-PTP2).
RAKISQGTKVPEE	B-H21	KPC2_HUMAN	PROTEIN KINASE C, BETA-II TYPE (EC 2.7.1.-) (PKC-BETA-2).
SPVFTSRSAAFSG	B-H22	K2C7_HUMAN	KERATIN, TYPE II CYTOSKELETAL 7 (CYTOKERATIN 7) (K7) (CK 7).

PINGSRTPRRGQ	B-H23	RB_HUMAN	RETINOBLASTOMA-ASSOCIATED PROTEIN (PP110) (P105-RB) (RB).
SRFNRRVSVCAET	B-H24	KAP2_HUMAN	CAMP-DEPENDENT PROTEIN KINASE TYPE II-ALPHA REGULATORY CHAIN.
IQDVGAFSTVKGV	B-11	RK_HUMAN	RHODOPSIN KINASE (EC 2.7.1.125) (RK).
PTAENPEYLGLDV	B-12	A066-D	ERBB-2 RECEPTOR PROTEIN-TYROSINE KINASE
DEVPSQDSPGAAE	B-13	Z145_HUMAN	ZINC FINGER PROTEIN PLZF (PROMYELOCYTIC LEUKEMIA ZINC FINGER PROTEIN) (ZINC FINGER PROTEIN 145).
RHIVRKRTLRLLL	B-14	EGFR_HUMAN	EPIDERMAL GROWTH FACTOR RECEPTOR (EC 2.7.1.112).
YSYQMALTPVVVT	B-15	CDK4_HUMAN	CELL DIVISION PROTEIN KINASE 4 (EC 2.7.1.-) (CYCLIN-DEPENDENT KINASE 4) (PSK-J3).
IVAILVSTVKSKR	B-16	MIR1_HUMAN	MINIMUM POTASSIUM ION CHANNEL-RELATED PEPTIDE 1 (MIRP1) (MINK-RELATED PEPTIDE 1).
AMNREVSSLKNKL	B-17	B073-A	MYOSIN HEAVY CHAIN, NONMUSCLE TYPE A (NMMHC-A)
SKVKRQSSTPSAP	B-18	KPBB_HUMAN	PHOSPHORYLASE B KINASE BETA REGULATORY CHAIN (PHOSPHORYLASE KINASE BETA SUBUNIT).
LRPDSEASQSPQY	B-19	PRGR_HUMAN	PROGESTERONE RECEPTOR (PR).
YDPAKRISGKMAL	B-110	B196-A	CELL DIVISION CONTROL PROTEIN 2 HOMOLOG (P34 PROTEIN KINASE)
STPTSPGSLRKHK	B-111	DCX_HUMAN	DOUBLECORTIN (LISSENCEPHALIN-X) (LIS-X) (DOUBLIN).
DTATKSGSTTKNR	B-112	IF4E_HUMAN	EUKARYOTIC TRANSLATION INITIATION FACTOR 4E (EIF-4E) (EIF4E) (MRNA CAP-BINDING PROTEIN) (EIF-4F 25 KDA SUBUNIT).
TVDGKEIYNTIRR	B-113	A006-A	Ras-GTPASE-ACTIVATING PROTEIN (Ras-GAP)
LCYESHESMESYE	B-114	MGP_HUMAN	MATRIX GLA-PROTEIN (MGP).
DGPKGTGYIKTEL	B-115	STA1_HUMAN	SIGNAL TRANSDUCER AND ACTIVATOR OF TRANSCRIPTION 1-ALPHA/BETA (TRANSCRIPTION FACTOR ISGF-3 COMPONENTS P91/P84).
GEEELSNYICMGG	B-116	IRS1_HUMAN	INSULIN RECEPTOR SUBSTRATE-1 (IRS-1).
DNTPHTPTPFKNA	B-117	MYBB_HUMAN	MYB-RELATED PROTEIN B (B-MYB).

RDLELPLSPSLLG	B-I18	ELK1_HUMAN	ETS-DOMAIN PROTEIN ELK-1.
VGEEHVYSFPNK	B-I19	PAXI_HUMAN	PAXILLIN.
DSFLQRYSSDPTG	B-I20	B046-B	EPIDERMAL GROWTH FACTOR RECEPTOR (EGFR)
GGTDEGIYDVPLL	B-I21	EFS_HUMAN	EMBRYONAL FYN-ASSOCIATED SUBSTRATE (HEFS).
YFLGSSFSPVRCG	B-I22	WEE1_HUMAN	WEE1-LIKE PROTEIN KINASE (EC 2.7.1.112).
EILSRRPSYRKIL	B-I23	B015-B	cAMP-RESPONSE ELEMENT BINDING PROTEIN (CREB)
ISMISADSHEKRH	B-I24	HIS1_HUMAN	HISTATIN 1 (HISTIDINE-RICH PROTEIN 1) (POST-PB PROTEIN) (PPB) [CONTAINS: HISTATIN 2].
NVLSPLPSQAMDD	B-J1	P53_HUMAN	CELLULAR TUMOR ANTIGEN P53 (PHOSPHOPROTEIN P53).
HGSKYLATASTMD	B-J2	MBP_HUMAN	MYELIN BASIC PROTEIN (MBP).
PVIENPQYFGITN	B-J3	TRKB_HUMAN	BDNF/NT-3 GROWTH FACTORS RECEPTOR (EC 2.7.1.112) (TRKB TYROSINE KINASE) (GP145-TRKB) (TRK-B).
ERLRLSPSPTSQR	B-J4	B176-C	LAMIN A (70 kD LAMIN)
MPLNVSFTNRNYD	B-J5	MYC_HUMAN	MYC PROTO-ONCOGENE PROTEIN (C-MYC).
SDTEEQEYEEEQP	B-J6	TRT1_HUMAN	TROPONIN T, SLOW SKELETAL MUSCLE ISOFORMS.
TLTTNEEYLDLSQ	B-J7	A063-A	FIBROBLAST GROWTH FACTOR RECEPTOR 2 (FGFR-2)
KMQLRRPSDQEVS	B-J8	REL_HUMAN	C-REL PROTO-ONCOGENE PROTEIN (C-REL PROTEIN).
TSMMPYVTRY	B-J9	MK10_HUMAN	MITOGEN-ACTIVATED PROTEIN KINASE 10 (EC 2.7.1.-) (STRESS-ACTIVATED PROTEIN KINASE JNK3) (C-JUN N-TERMINAL KINASE 3) (MAP KINASE P49 3F12).
ATRGRGSSVGGGS	B-J10	M3K5_HUMAN	MITOGEN-ACTIVATED PROTEIN KINASE KINASE KINASE 5 (EC 2.7.1.-) (MAPK/ERK KINASE KINASE 5) (MEK KINASE 5) (MEKK 5) (APOPTOSIS SIGNAL-REGULATING KINASE 1) (ASK-1).
SGFQVSETPRQAP	B-J11	MPP5_HUMAN	M-PHASE PHOSPHOPROTEIN 5 (FRAGMENT).
HQRKYSRNSKGES	B-J12	CD27_HUMAN	CD27L RECEPTOR (T-CELL ACTIVATION ANTIGEN CD27) (T14).

DRMSLVNSRCQEA	B-J13	B311-D	CYSTATIN S (SALIVARY ACIDIC PROTEIN-1)
KKKKKRFSFKKSF	B-J14	MACS_HUMAN	MYRISTOYLATED ALANINE-RICH C-KINASE SUBSTRATE (MARCKS) (PROTEIN KINASE C SUBSTRATE, 80 KDA PROTEIN, LIGHT CHAIN) (PKCSL) (80K-L PROTEIN).
LDDFDGTYETQGG	B-J15	EPA1_HUMAN	EPHRIN TYPE-A RECEPTOR 1 (EC 2.7.1.112) (TYROSINE-PROTEIN KINASE RECEPTOR EPH).
MNMLMERYRVESD	B-J16	DNB2_ADE04	EARLY E2A DNA-BINDING PROTEIN.
TRQPVELTPTDKL	B-J17	KPC1_HUMAN	PROTEIN KINASE C, BETA-I TYPE (EC 2.7.1.-) (PKC-BETA-1).
PRSSSNASSVSTR	B-J18	AFX1_HUMAN	PUTATIVE FORK HEAD DOMAIN TRANSCRIPTION FACTOR AFX1.
QAFELILSPRSKE	B-J19	STHM_HUMAN	STATHMIN (PHOSPHOPROTEIN P19) (PP19) (ONCOPROTEIN 18) (OP18) (LEUKEMIA-ASSOCIATED PHOSPHOPROTEIN P18) (PP17) (PROSOLIN) (METABLASTIN) (PR22 PROTEIN).
YVVAKRESRGLKS	B-J20	A1AA_HUMAN	ALPHA-1A ADRENERGIC RECEPTOR (ALPHA 1A-ADRENOCEPTOR) (ALPHA-1C ADRENERGIC RECEPTOR).
QRSRKRLSQDAYR	B-J21	B060-D	NEUTROPHIL CYTOSOL FACTOR 2 (P47-PHOX)
LNTSYPLSPLSDF	B-J22	PA2Y_HUMAN	CYTOSOLIC PHOSPHOLIPASE A2 (CPLA2) [INCLUDES: PHOSPHOLIPASE A2 (EC 3.1.1.4) (CPLA2) (PHOSPHATIDYLCHOLINE 2-ACYLHYDROLASE); LYSOPHOSPHOLIPASE (EC 3.1.1.5)].
MARKMKDTESEEE	B-J23	B227-B	CALMODULIN
TERGDKGYVPSVF	B-J24	STA4_HUMAN	SIGNAL TRANSDUCER AND ACTIVATOR OF TRANSCRIPTION 4.
NIHLEKKYVRRDS	B-K1	KFMS_HUMAN	MACROPHAGE COLONY STIMULATING FACTOR I RECEPTOR (CSF-1-R) (EC 2.7.1.112) (FMS PROTO-ONCOGENE) (C-FMS) (CD115).
LLLSNPAYRLLLLA	B-K2	EDD1_HUMAN	EPITHELIAL DISCOIDIN DOMAIN RECEPTOR 1 (EC 2.7.1.112) (TYROSINE-PROTEIN KINASE CAK) (CELL ADHESION KINASE) (TYROSINE KINASE DDR) (DISCOIDIN RECEPTOR TYROSINE KINASE) (TRK E) (PROTEIN-TYRO INE KINASE RTK 6).

ELNKDRTSRDSSP	B-K3	RBL2_HUMAN	RETINOBLASTOMA-LIKE PROTEIN 2 (130 KDA RETINOBLASTOMA-ASSOCIATED PROTEIN) (PRB2) (P130) (RBR-2).
PGPMVDQSPSVST	B-K4	Z145_HUMAN	ZINC FINGER PROTEIN PLZF (PROMYELOCYTIC LEUKEMIA ZINC FINGER PROTEIN) (ZINC FINGER PROTEIN 145).
ERSKTVTSFYNQS	B-K5	BCKD_HUMAN	[3-METHYL-2-OXOBUTANOATE DEHYDROGENASE (LIPOAMIDE)] KINASE, MITOCHONDRIAL (EC 2.7.1.115) (BRANCHED-CHAIN ALPHA-KETOACID DEHYDROGENASE KINASE) (BCKDHKIN) (BCKD-KINASE).
EKKRRKMSKGLPD	B-K6	CCAS_HUMAN	VOLTAGE-DEPENDENT L-TYPE CALCIUM CHANNEL ALPHA-1S SUBUNIT (CALCIUM CHANNEL, L TYPE, ALPHA-1 POLYPEPTIDE, ISOFORM 3, SKELETAL MUSCLE).
ILVKCQGSRLDDQ	B-K7	LGN_HUMAN	MOSAIC PROTEIN LGN.
STATKDTYDALHM	B-K8	CD3Z_HUMAN	T-CELL SURFACE GLYCOPROTEIN CD3 ZETA CHAIN (T-CELL RECEPTOR T3 ZETA CHAIN).
RKSKRRNSEFEIF	B-K9	TR5H_HUMAN	TRYPTOPHAN 5-MONOOXYGENASE (EC 1.14.16.4) (TRYPTOPHAN 5-HYDROXYLASE).
SGISSVPTPSPLG	B-K10	B197-D	CASEIN KINASE II, ALPHA CHAIN (CKII) (EC 2.7.1.37)
FPVSNTNSPTKIL	B-K11	TDP2_HUMAN	TRANSCRIPTION FACTOR DP-2 (E2F DIMERIZATION PARTNER 2).
KLSPSPSSRVTVS	B-K12	B008-C	LAMIN B1
ASARAGETRFTDT	B-K13	B219-A	ELONGATION FACTOR 2 (EF-2)
LLAVSEEYLDLRL	B-K14	A061-A	FIBROBLAST GROWTH FACTOR RECEPTOR 4 (FGFR-4)
SEHAQDTYLVLDK	B-K15	A041-A	ERYTHROPOIETIN RECEPTOR (EPO-R)
EPLERRLSLVPDS	B-K16	CFTR_HUMAN	CYSTIC FIBROSIS TRANSMEMBRANE CONDUCTANCE REGULATOR (CFTR) (CAMP- DEPENDENT CHLORIDE CHANNEL).
TREEPVLTTLVDEA	B-K17	KPCE_HUMAN	PROTEIN KINASE C, EPSILON TYPE (EC 2.7.1.-) (NPKC-EPSILON).
HGDRPRASGCLAR	B-K18	B1AR_HUMAN	BETA-1 ADRENERGIC RECEPTOR.

KNIVTPRTPPPSQ	B-K19	MBP_HUMAN	MYELIN BASIC PROTEIN (MBP).
AEPEKMESSISSS	B-K20	CAS1_HUMAN	ALPHA-S1 CASEIN .
APTKRNSSPPPSP	B-K21	B089-A	CALCIUM-TRANSPORTING ATPASE PLASMA MEMBREANE (CALCIUM PUMP)
CYALCNRTFRKTF	B-K22	ACM5_HUMAN	MUSCARINIC ACETYLCHOLINE RECEPTOR M5.
KENSPCVTPVSTA	B-K23	RBL2_HUMAN	RETINOBLASTOMA-LIKE PROTEIN 2 (130 KDA RETINOBLASTOMA-ASSOCIATED PROTEIN) (PRB2) (P130) (RBR-2).
SAIKMVQYRDSFL	B-K24	EPB1_HUMAN	EPHRIN TYPE-B RECEPTOR 1 (EC 2.7.1.112) (TYROSINE-PROTEIN KINASE RECEPTOR EPH-2) (NET) (HEK6) (ELK).
YNYEGRGSVAGSV	B-L1	DSC2_HUMAN	DESMOCOLLIN 2A/2B (DESMOSOMAL GLYCOPROTEIN II AND III) (DESMOCOLLIN-3).
QEKRRQISIRGIV	B-L2	PHS1_HUMAN	GLYCOGEN PHOSPHORYLASE, LIVER FORM (EC 2.4.1.1).
EFPSLRVSAGFLL	B-L3	NS2A_HUMAN	NITRIC OXIDE SYNTHASE, INDUCIBLE (EC 1.14.13.39) (NOS, TYPE II) (INDUCIBLE NOS) (INOS) (HEPATOCTE NOS) (HEP-NOS).
KDSSHYSYSDGDKS	B-L4	TLE1_HUMAN	TRANSDUCIN-LIKE ENHANCER PROTEIN 1 (ESG1).
NPLMRRNSVTPLA	B-L5	F26P_HUMAN	6PF-2-K/FRU-2,6-P2ASE BRAIN/PLACENTA-TYPE ISOZYME [INCLUDES: 6-PHOSPHOFRUCTO-2-KINASE (EC 2.7.1.105); FRUCTOSE-2,6-BISPHOSPHATASE (EC 3.1.3.46)].
SEETPAISPSKRA	B-L6	B314-A	DEOXYURIDINE 5'-TRIPHOSPHATE NUCLEOTIDOHYDROLASE (EC 3.6.1.23)
LEHVTRRTLSDMK	B-L7	B063-A	6-PHOSPHOFRUCTOKINASE, LIVER TYPE
PSGSQASSPQSSD	B-L8	UGS2_HUMAN	GLYCOGEN [STARCH] SYNTHASE, LIVER (EC 2.4.1.11).
REEADGVYAASGG	B-L9	FES_HUMAN	PROTO-ONCOGENE TYROSINE-PROTEIN KINASE FES/FPS (EC 2.7.1.112) (C-FES).
GPPEPGPYAQPSV	B-L10	A056-A	PROTO-ONCOGENE C-CRK
AATKIQASFRGHI	B-L11	NEUM_HUMAN	NEUROMODULIN (AXONAL MEMBRANE PROTEIN GAP-43) (PP46) (B-50) (PROTEIN F1) (CALMODULIN-BINDING PROTEIN P-57).

EEEDIRVSITEKC	B-L12	KAPB_HUMAN	CAMP-DEPENDENT PROTEIN KINASE, BETA-CATALYTIC SUBUNIT (EC 2.7.1.37) (PKA C-BETA).
GVHHIDYYKKTSN	B-L13	FGR4_HUMAN	FIBROBLAST GROWTH FACTOR RECEPTOR 4 (FGFR-4) (EC 2.7.1.112).
FPTSTSLSPFYLR	B-L14	CRAB_HUMAN	ALPHA CRYSTALLIN B CHAIN (ALPHA(B)-CRYSTALLIN) (ROSENTHAL FIBER COMPONENT).
QIEMKKRSPISTD	B-L15	CIN6_HUMAN	SODIUM CHANNEL PROTEIN, CARDIAC AND SKELETAL MUSCLE ALPHA-SUBUNIT.
LQKKQLCSFEIYE	B-L16	B311-B	CYSTATIN S (SALIVARY ACIDIC PROTEIN-1)
QDAYRRNSVRFLQ	B-L17	B060-E	NEUTROPHIL CYTOSOL FACTOR 2 (P47-PHOX)
FAKTFVGTPTYMS	B-L18	NEK2_HUMAN	SERINE/THREONINE-PROTEIN KINASE NEK2 (EC 2.7.1.-) (NIMA-RELATED PROTEIN KINASE 2) (NIMA-LIKE PROTEIN KINASE 1) (HSPK 21).
PAPSRTASFYESM	B-L19	ACLY_HUMAN	ATP-CITRATE (PRO-S-)-LYASE (EC 4.1.3.8) (CITRATE CLEAVAGE ENZYME).
NMRDDEITQDENT	B-L20	B353-M	MUSCARINIC ACETYLCHOLINE RECEPTOR M2
LVDSVAKTIDAGC	B-L21	MPK6_HUMAN	DUAL SPECIFICITY MITOGEN-ACTIVATED PROTEIN KINASE KINASE 6 (EC 2.7.1.-) (MAP KINASE KINASE 6) (MAPKK 6) (MAPK/ERK KINASE 6) (SAPKK3).
VPSSRGDYMTMQM	B-L22	IRS1_HUMAN	INSULIN RECEPTOR SUBSTRATE-1 (IRS-1).
AGTSFMMPYVVT	B-L23	MK10_HUMAN	MITOGEN-ACTIVATED PROTEIN KINASE 10 (EC 2.7.1.-) (STRESS-ACTIVATED PROTEIN KINASE JNK3) (C-JUN N-TERMINAL KINASE 3) (MAP KINASE P49 3F12).
SSPGSPGTPGSRS	B-L24	B154-O	MICROTUBULE-ASSOCIATED PROTEIN TAU
APAPKKGSKKAVT	B-M1	B014-A	HISTONE H2B
PLSYTRFSLARQV	B-M2	TRSR_HUMAN	TRANSFERRIN RECEPTOR PROTEIN (TR) (ANTIGEN CD71) (T9) (P90).
EKRHTRDSEAQRL	B-M3	BAN7_HUMAN	ERYTHROCYTE BAND 7 INTEGRAL MEMBRANE PROTEIN (STOMATIN) (PROTEIN 7.2B).
RSAIRRASTIEMP	B-M4	PPLA_HUMAN	CARDIAC PHOSPHOLAMBAN (PLB).

DSKNFDDYMKSLG	B-M5	FABH_HUMAN	FATTY ACID-BINDING PROTEIN, HEART (H-FABP) (MUSCLE FATTY ACID-BINDING PROTEIN) (M-FABP) (MAMMARY-DERIVED GROWTH INHIBITOR) (MDGI).
LRTHNGASPYQCT	B-M6	Z145_HUMAN	ZINC FINGER PROTEIN PLZF (PROMYELOCYTIC LEUKEMIA ZINC FINGER PROTEIN) (ZINC FINGER PROTEIN 145).
RALSRQLSSGVSE	B-M7	HS27_HUMAN	HEAT SHOCK 27 KDA PROTEIN (HSP 27) (STRESS-RESPONSIVE PROTEIN 27) (SRP27) (ESTROGEN-REGULATED 24 KDA PROTEIN) (28 KDA HEAT SHOCK PROTEIN).
LALHIRSSWSGLH	B-M8	COA1_HUMAN	ACETYL-COA CARBOXYLASE 1 (EC 6.4.1.2) (ACC-ALPHA) [INCLUDES: BIOTIN CARBOXYLASE (EC 6.3.4.14)].
GAVVPQGSRQVPV	B-M9	CST2_HUMAN	CLEAVAGE STIMULATION FACTOR, 64 KDA SUBUNIT (CSTF 64 KDA SUBUNIT) (CF-1 64 KDA SUBUNIT).
QRRSARLSAKPAP	B-M10	B070-A	CHROMOSOMAL HIGH MOBILITY GROUP PROTEIN 17 (HMG-17)
ITKALGISYGRKK	B-M11	B105-A	TAT PROTEIN (TRANSACTIVATING REGULATORY PROTEIN)
NFHLMAPSEEDHS	B-M12	IBP1_HUMAN	INSULIN-LIKE GROWTH FACTOR BINDING PROTEIN 1 (IGFBP-1) (IBP-1) (IGF-BINDING PROTEIN 1) (PLACENTAL PROTEIN 12) (PP12).
ERVSRKMSIQEYE	B-M13	PHOS_HUMAN	PHOSDUCIN (PHD) (33 KDA PHOTOTRANSDUCING PROTEIN) (MEKA PROTEIN).
AEHQYFMTEYVAT	B-M14	MK07_HUMAN	MITOGEN-ACTIVATED PROTEIN KINASE 7 (EC 2.7.1.-) (EXTRACELLULAR SIGNAL- REGULATED KINASE 5) (ERK5) (ERK4) (BMK1 KINASE).
HSTPPSAYGSVKA	B-M15	ANX2_HUMAN	ANNEXIN II (LIPOCORTIN II) (CALPACTIN I HEAVY CHAIN) (CHROMOBINDIN 8) (P36) (PROTEIN I) (PLACENTAL ANTICOAGULANT PROTEIN IV) (PAP-IV).
TWIENKLYGMSDP	B-M16	A051-E	PROTO-ONCOGENE TYROSINE-PROTEIN KINASE RECEPTOR RET
KGMPPLSEEEEL	B-M17	MEFA_HUMAN	MYOCYTE-SPECIFIC ENHANCER FACTOR 2A (SERUM RESPONSE FACTOR-LIKE PROTEIN 1).
RDTGILDSIGRFF	B-M18	MBP_HUMAN	MYELIN BASIC PROTEIN (MBP).
NENTEDQYSLVED	B-M19	A044-A	PI3-KINASE P85-ALPHA SUBUNIT

AKAKTRSSRAGLQ	B-M20	B025-B	HISTONE H2A.1
SLPDHKKTLEHLC	B-M21	IL7R_HUMAN	INTERLEUKIN-7 RECEPTOR ALPHA CHAIN (IL-7R-ALPHA) (CDW127) (CD127 ANTIGEN).
TGESDGGYMDMSK	B-M22	A002-F	BETA PLATELET-DERIVED GROWTH FACTOR RECEPTOR
RLMTGDTYTAHAG	B-M23	ABL2_HUMAN	TYROSINE-PROTEIN KINASE ABL2 (EC 2.7.1.112) (TYROSINE KINASE ARG).
SLKDMEESIRNLE	B-M24	G19P_HUMAN	PROTEIN KINASE C SUBSTRATE, 80 KDA PROTEIN, HEAVY CHAIN (PKCSH) (80K-H PROTEIN).
HHKLVLPSTPNV	B-N1	CENC_HUMAN	CENTROMERE PROTEIN C (CENP-C) (CENTROMERE AUTOANTIGEN C).
YPTGNHTYQEIAV	B-N2	A007-B	PAXILLIN
IENEEQEYVQTVK	B-N3	B088-E	ANNEXIN I (LIPOCORTIN I) (CALPACTIN II)
NVSKIGSTENLK	B-N4	B154-E	MICROTUBULE-ASSOCIATED PROTEIN TAU
AQAFVPSYSSSGA	B-N5	A051-A	PROTO-ONCOGENE TYROSINE-PROTEIN KINASE RECEPTOR RET
LMLRLQDYEEKTK	B-N6	EZRI_HUMAN	EZRIN (P81) (CYTOVILLIN) (VILLIN-2).
EVEEEDSSESEES	B-N7	PRGR_HUMAN	PROGESTERONE RECEPTOR (PR).
YMAPYDNYVPSAP	B-N8	A002-J	BETA PLATELET-DERIVED GROWTH FACTOR RECEPTOR
AVIPINGSRTPR	B-N9	RB_HUMAN	RETINOBLASTOMA-ASSOCIATED PROTEIN (PP110) (P105-RB) (RB).
ELLCLRRSSLKAY	B-N10	B2AR_HUMAN	BETA-2 ADRENERGIC RECEPTOR.
GRRGRLPSKPKQP	B-N11	NR41_HUMAN	ORPHAN NUCLEAR RECEPTOR HMR (EARLY RESPONSE PROTEIN NAK1) (TR3 ORPHAN RECEPTOR).
LHTLVVASAGPTS	B-N12	RRPP_HRSVL	RNA POLYMERASE ALPHA SUBUNIT (EC 2.7.7.48) (PHOSPHOPROTEIN P).
KNGCRRGSSLGQI	B-N13	CIN6_HUMAN	SODIUM CHANNEL PROTEIN, CARDIAC AND SKELETAL MUSCLE ALPHA-SUBUNIT.
EEKKKKTTTIAVE	B-N14	VGLN_HUMAN	VIGILIN (HIGH DENSITY LIPOPROTEIN BINDING PROTEIN) (HDL-BINDING PROTEIN).

TSGSKRNSVDTAT	B-N15	UGS1_HUMAN	GLYCOGEN [STARCH] SYNTHASE, MUSCLE (EC 2.4.1.11).
AIKMVQYRDSFLT	B-N16	EPB1_HUMAN	EPHRIN TYPE-B RECEPTOR 1 (EC 2.7.1.112) (TYROSINE-PROTEIN KINASE RECEPTOR EPH-2) (NET) (HEK6) (ELK).
TSMFDDYQGDSST	B-N17	VGR1_HUMAN	VASCULAR ENDOTHELIAL GROWTH FACTOR RECEPTOR 1 (EC 2.7.1.112) (VEGFR-1) (VASCULAR PERMEABILITY FACTOR RECEPTOR) (TYROSINE-PROTEIN KINASE RECEPTOR FLT) (FLT-1)
ALRERLSSFTSYE	B-N18	PTK6_HUMAN	TYROSINE-PROTEIN KINASE 6 (EC 2.7.1.112) (BREAST TUMOR KINASE) (TYROSINE-PROTEIN KINASE BRK).
YDVSRMYVDPSEI	B-N19	PIG2_HUMAN	1-PHOSPHATIDYLINOSITOL-4,5-BISPHOSPHATE PHOSPHODIESTERASE GAMMA (EC 3.1.4.11) (PLC-GAMMA-2) (PHOSPHOLIPASE C-GAMMA-2) (PLC-IV)
FHLMAPSEEDHSI	B-N20	IBP1_HUMAN	INSULIN-LIKE GROWTH FACTOR BINDING PROTEIN 1 (IGFBP-1) (IBP-1) (IGF-BINDING PROTEIN 1) (PLACENTAL PROTEIN 12) (PP12).
RDINSLYDVSRMY	B-N21	PIG2_HUMAN	1-PHOSPHATIDYLINOSITOL-4,5-BISPHOSPHATE PHOSPHODIESTERASE GAMMA (EC 3.1.4.11) (PLC-GAMMA-2) (PHOSPHOLIPASE C-GAMMA-2) (PLC-IV)
PPLSQETFSDLWK	B-N22	P53_HUMAN	CELLULAR TUMOR ANTIGEN P53 (TUMOR SUPPRESSOR P53) (PHOSPHOPROTEIN P53)
DLYLPLSLDDSDS	B-N23	DCX_HUMAN	DOUBLECORTIN (LISSENCEPHALIN-X) (LIS-X) (DOUBLIN).
DEDSPSSPEDTSY	B-N24	NRF1_HUMAN	NUCLEAR RESPIRATORY FACTOR-1 (NRF-1) (ALPHA PALINDROMIC BINDING PROTEIN) (ALPHA-PAL).
EELRKARSNSTLS	B-O1	CIK3_HUMAN	VOLTAGE-GATED POTASSIUM CHANNEL PROTEIN KV1.3 (HPCN3) (HGK5) (HUKIII) (HLK3).
QCALCRRSTTDCG	B-O2	B091-B	CHORIOGONATROPIN BETA CHAIN
FVQLRRKSDLETS	B-O3	KBF1_HUMAN	NUCLEAR FACTOR NF-KAPPA-B P105 SUBUNIT (DNA-BINDING FACTOR KBF1) (EBP- 1) [CONTAINS: NUCLEAR FACTOR NF-KAPPA-B P50 SUBUNIT].
MPLNRTLMSSSLP	B-O4	UGS1_HUMAN	GLYCOGEN [STARCH] SYNTHASE, MUSCLE (EC 2.4.1.11).
FMRLRRLSTKYRT	B-O5	B195-A	PROTEIN-TYROSINE PHOSPHATASE G1 (PTP-PEST)

ECNSSTDSCDSGP	B-O6	B257-C	EARLY E1A 32 kD PROTEIN
HQDQEGDTDAGLK	B-O7	B154-N	MICROTUBULE-ASSOCIATED PROTEIN TAU
TKLTRIPSAKKYK	B-O8	PE15_HUMAN	ASTROCYTIC PHOSPHOPROTEIN PEA-15 (PED).
GSGLLCVSPWPFV	B-O9	MPP5_HUMAN	M-PHASE PHOSPHOPROTEIN 5 (FRAGMENT).
DSRSHQNSPTELN	B-O10	RBL2_HUMAN	RETINOBLASTOMA-LIKE PROTEIN 2 (130 KDA RETINOBLASTOMA-ASSOCIATED PROTEIN) (PRB2) (P130) (RBR-2).
GIVYAVSSDRFRS	B-O11	DCX_HUMAN	DOUBLECORTIN (LISSENCEPHALIN-X) (LIS-X) (DOUBLIN).
STAENAAYLRVAP	B-O12	B046-J	EPIDERMAL GROWTH FACTOR RECEPTOR (EGFR)
IESLSSSEESITE	B-O13	CASB_HUMAN	BETA CASEIN .
RSPLSDYMNLDIFS	B-O14	IRS2_HUMAN	INSULIN RECEPTOR SUBSTRATE-2 (IRS-2).
SGEDTLSDSDDED	B-O15	MYCN_HUMAN	N-MYC PROTO-ONCOGENE PROTEIN.
PPGDYSTTPGGTL	B-O16	Q13541	4E-BINDING PROTEIN 1 (EUKARYOTIC TRANSLATION INITIATION FACTOR 4BINDING PROTEIN 1)
LGADDSYYTARSA	B-O17	ZA70_HUMAN	TYROSINE-PROTEIN KINASE ZAP-70 (EC 2.7.1.112) (70 KDA ZETA-ASSOCIATED PROTEIN) (SYK-RELATED TYROSINE KINASE).
RQTPVDSPDDSTL	B-O18	K6B1_HUMAN	RIBOSOMAL PROTEIN S6 KINASE (EC 2.7.1.-) (S6K) (P70-S6K)
DDSIISSLDVTDI	B-O19	Q9UP94	DNA REPAIR PROTEIN XRCC4 (X-RAY REPAIR COMPLEMENTING DEFECTIVE REPAIR IN CHINESE HAMSTER CELLS 4)
SGQLIDSMANSFV	B-O20	MPK1_HUMAN; MPK2_HUMAN	DUAL SPECIFICITY MITOGEN-ACTIVATED PROTEIN KINASE KINASE (EC 2.7.1.-) (MAP KINASE KINASE 1) (MAPKK 1) (ERK ACTIVATOR KINASE 1(MAPK/ERK KINASE 1) (MEK1)
ETSLMRTLCTGTPT	B-O21	CHK2_HUMAN	SERINE/THREONINE-PROTEIN KINASE CHK2 (EC 2.7.1.-) (CDS1)
FERASEYQLNDSA	B-O22	GBT1_HUMAN	GUANINE NUCLEOTIDE-BINDING PROTEIN G(T), ALPHA-1 SUBUNIT (TRANSDUCIALPHA-1 CHAIN)

GQSWKENSPLNVS	B-O23	TF_HUMAN	TISSUE FACTOR (TF) (COAGULATION FACTOR III(THROMBOPLASTIN) (CD142 ANTIGEN)
IDSMANSFVGTRS	B-O24	MPK1_HUMAN; MPK2_HUMAN	DUAL SPECIFICITY MITOGEN-ACTIVATED PROTEIN KINASE KINASE (EC 2.7.1.-) (MAP KINASE KINASE 1) (MAPKK 1) (ERK ACTIVATOR KINASE 1(MAPK/ERK KINASE 1) (MEK1)