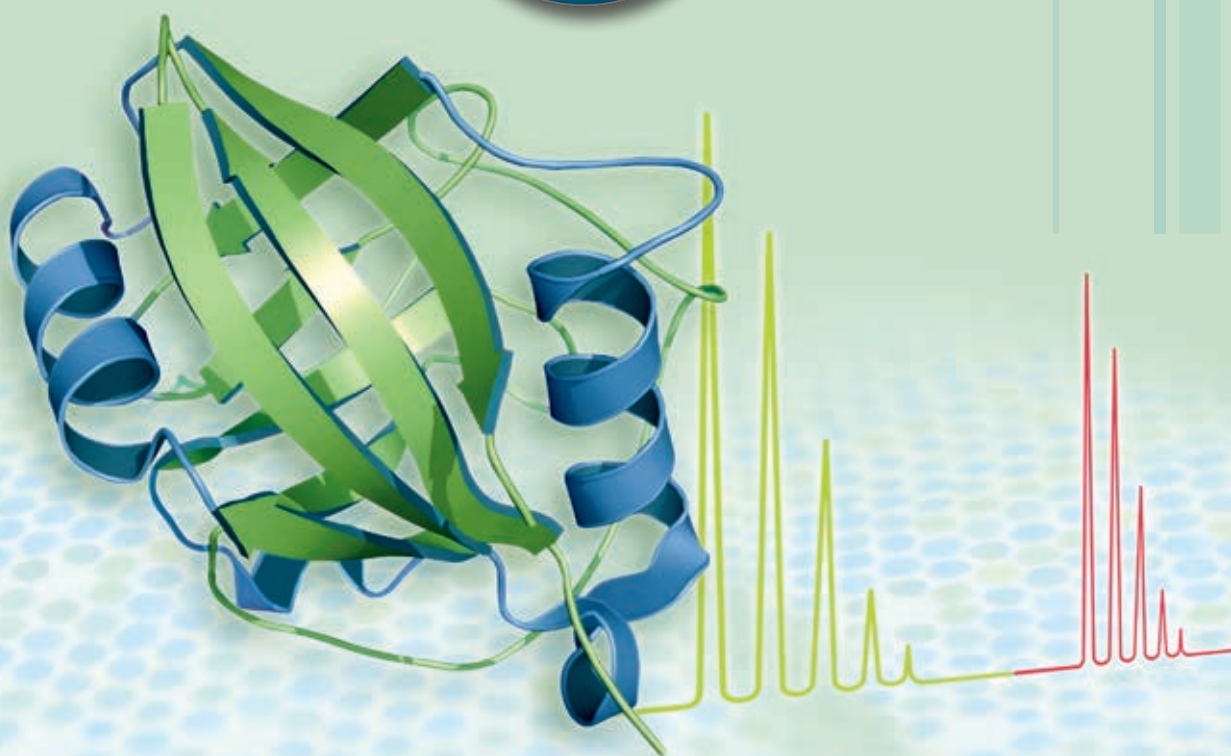




## Stable Isotope-Labeled Peptide Pools & Sets



# SIL Proteomics Standards

- ❖ Ready-to-use peptide reference standards
- ❖ Stable-isotope labeled (SIL)
- ❖ Kits for cancer, cytokines, hormones and signal transduction
- ❖ References for discovery and targeted proteomics
- ❖ Use for development of multiplexed assays
- ❖ Low cost at high quality

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**jpt**

Innovative Peptide Solutions

# Stable Isotope-Labeled Peptide Pools & Sets

## SpikeMix™ Kits

### SpikeMix™ ABRF (cross-species standard)

1000 peptides for human, mouse and rat proteins

### SpikeMix™ CEF (ext)

32 HLA restricted T-cell epitopes of CMV, EBV, Influenza and Clostridium

### SpikeMix™ Cytokines (13 kits for different species)

54-461 peptides for 25-361 cytokines

### SpikeMix™ Human Peptide Hormones

552 peptides for 108 hormones and precursors

### SpikeMix™ Kinase Activation Loops

Over 400 phosphorylated and non-phosphorylated peptides from kinase activation loops

### SpikeMix™ Plant Organelle Marker (*Arabidopsis thaliana*)

67 organelle marker peptides for 14 major subcellular locations

### SpikeMix™ Tumor Associated Antigens

252 peptides for 61 tumor associated antigens

### SpikeMix™ Wnt Signaling Pathway (Human)

343 peptides for 65 proteins of the human Wnt pathway

## Absolutely Quantified SpikeTides™ Kits

### SpikeTides™ Set Histones (quantified)

37 peptides for Histone H3 with and w/o modifications

### SpikeTides™ Set Metabolic Enzymes (quantified)

51 peptides for 24 enzymes involved in central energy metabolism

## Custom SpikeMix™

### SpikeMix™

Stable isotope labeled proteotypic peptides mixed and aliquoted according to your specifications

## Selected References & Application Notes

- "SpikeTides™ for Subcellular Marker Proteins Offer Improved Analysis of Complex Plant Samples" Hooper et al., AppNote (2017)
- "Development of a Multiplexed Targeted SRM Assay for NCI's Top Tumor Associated Antigens" Soderblom, Application Note (2015)
- "Quantitative Proteomics of Bronchoalveolar Lavage Fluid in Idiopathic Pulmonary Fibrosis" Foster et al., J. Proteome Res (2015)
- "Development and Characterization of SpikeMix™ ABRF (Cross-Species Standard) Consisting of 1,000 Stable Isotope Labeled Peptides" Colangelo, Application Note (2014)

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