



BIOSYNTH®

# Custom Peptide Overview

High Throughput Peptide  
Synthesis

Crude Peptide Libraries

Stable Isotope Labeled  
Peptides

Proteomics Tools

# High Throughput Custom Peptide Synthesis

Biosynth's state-of-the-art high-throughput production facility allows for the production of large peptide orders with rapid turnaround times and high flexibility.

- Simple to Complex Peptide Synthesis
- Stringent Quality Control
- Rapid Turnaround Times
- Expedited "Rush" Services
- Crude to >98% Purity Options
- Sub-Milligram to Multiple Grams
- Flexible Peptide Libraries



## Quality

Our facilities are known for stringent QC and the highest quality peptides. Our quality control includes LC/MS or MALDI-MS and HPLC. We can also provide:

- Amino Acid Analysis (AAA)
- NMR
- Residual Solvents
- Net Peptide Content
- Solubility and Stability Testing
- Karl Fisher Water Content
- Elemental Analysis
- And More

## Stable Isotope Labeled Peptides and Services

Biosynth offers a complete suite of Stable Isotope Labeled products and services. As a leader in isotope labeled peptides since 2001, we have the experience, knowledge, products, and services to support your proteomics project.

### TrypTides™ Custom Heavy Labeled Peptide Synthesis

- >99% Isotopic Purity Amino Acids and Resins
- 1nmol to Multiple Gram Quantities
- Optimized for Mass Spectrometry Performance
- 96 Peptide Library Format Available
- In-House Amino Acid Analysis for Quantitation
- Custom Aliquoting and Kitting Available
- Amino Acids for Rapid Turn Around

[peptides@biosynth.com](mailto:peptides@biosynth.com)

### TrypRaws™

We can supply isotopically labeled Arg and Lys for peptide synthesis as well as loaded resins. In addition, we have SISCAPA® assay technology stable isotope standards for SISCAPA workflows.

### TrypBodies™

Antibodies for Immuno MRM (iMRM), with custom polyclonal or monoclonal services. We have specialized protocols to maximize MS performance.

## Crude Peptide Libraries

Biosynth has designed a peptide library program in order to satisfy the growing need for high-throughput peptide screening. Our development of an economical approach to synthesize 96 individual unbound peptides in a 96-well plate has made it easier than ever to obtain high numbers of peptides at a low per peptide cost.

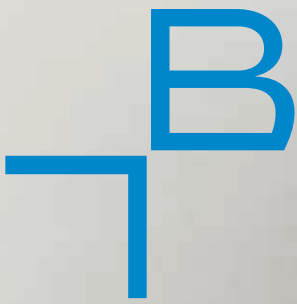
- 96 Crude Peptides Per Plate
- Delivery in 2-3 Weeks
- 2.0 µmol Scale
- 96 Well Plate
- Stable Isotope Labeling, Biotin, Fluorescein and other mods available



Each plate is individually tested for accuracy and can be used for epitope mapping, libraries, protein characterization, and much more.

For more information on our peptide services, including GMP or multikilogram manufacture, lead discovery and neoantigen peptides visit [www.biosynth.com/peptides](http://www.biosynth.com/peptides)

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## Global Locations

Switzerland  
United Kingdom  
Slovakia  
India

United States  
China  
Ireland  
South Korea

The Netherlands  
Austria  
Japan

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## About Biosynth

Securing Life Sciences Supply Chains - where Chemistry meets Biology, Products meet Services and Innovation meets Quality, Biosynth is at the Edge of Innovation.

With an unrivaled research product portfolio of over half a million products and end to end manufacturing services, we are science led and customer focused to solve problems, taking pride in delivering products and projects that others cannot. Our expertise and capability runs across Complex Chemicals, Peptides and Key Biologics all from one trusted partner.

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