

# **RS** *Synthesis*

*Quality through Peptide Design*

## **Custom Peptide Manufacturing**

### **Research Scale**

- Sequence lengths of 2 to 100 amino acids
- Crude delivery in 2 weeks, purified in 3-4 weeks, Rush services available
  - >99% Success rate
  - 1 mg to multi-kg Quantities
- GLP/GMP grade available (see below)
- Free Technical analysis including stability, hydrophobicity, aggregation, and design
  - Over 100 modifications available
- Library Services - flexible solutions for all your high throughput needs
  - Purity range from Crude to >99%

*Each peptide supplied in a lyophilized form with a Certificate of Analysis (CoA) containing:*

- Reverse Phase HPLC to confirm purity
- MALDI-TOF Mass Spec to confirm identity
- Amino Acid Analysis (AAA) to determine net peptide content upon request

### **RS-PEPSET™**

#### **Peptide Libraries**

Any quantity, length, or purity.  
Perfect for:

- Epitope mapping studies.
  - Vaccine research.
- High-throughput protein-protein interaction analysis.
  - Customized peptide microarray production.
  - Kinase assays.

### **Large Scale & cGMP Manufacturing**

- Designated clinical (GLP/GMP) manufacturing suites
- Validated raw materials and equipment
  - Full technical packages and specific batch records available
- Strict quality control adherence (SOP) for utmost product integrity
  - State-of-the-art large scale synthesizers w/ 5, 10, 20, and 50L Reactors
  - 100kg+ capacity

### **Each peptide comes with a 100% Quality**

**Guarantee**, in which we will replace any peptide free of charge if you are not completely satisfied

**Visit us at** [www.rssynthesis.com](http://www.rssynthesis.com)

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