



Make custom peptides from thinkpeptides the building blocks of your success



Because of our very large and diverse synthesis capabilities and our research-only focus, **thinkpeptides** can offer you an exceptional package of price, quality, choice, and flexibility, with timely delivery anywhere in the world.

Whether you require milligrams or grams, crude or >98% pure, 1 or 100,000 peptides, or complex modifications, we'll always offer you a great deal.

Our custom peptide synthesis service offers a complete range of scales, purities and modifications. Peptides are suitable for many key applications, including antisera production, cellular assays, ELISA, ELISPOT and crystallography.

### Custom Peptide Synthesis Product Range

If you are using peptides for immunological studies, you will know the importance of having a product with full quality control, delivered quickly and at a market-leading price. Furthermore, you will want a supplier with the capability to offer you a large range of purities, quantities and specialist modifications to meet your needs. Prolmmune provides a full range of custom peptide products, peptide libraries and peptide microarrays, suitable for immunological applications such as T and B cell epitope mapping, T cell stimulation and production of antibodies. The service offers consistency of quality and value for long-term peptide requirements.

Prolmmune's custom peptide synthesis service is tailored to the needs of immunologists, setting us apart from other commercial peptide suppliers that just provide a basic service. Our highly qualified technical support team are ready to assist with issues such as peptide library design, product handling and storage. They can also advise on the design of experiments, such as ELISPOT and intracellular cytokine staining.

Many of our customers require large numbers of peptides for their immunological applications and Prolmmune is able to offer particularly competitive pricing for projects of this sort. We have expanded our range of peptide purities and quantities, offering even more choice and flexibility for our customers' experimental needs. Contact us for a special quotation tailored to your requirements. Confidentiality is maintained at all times.

Custom peptides undergo stringent quality control. MALDI-TOF Mass Spectrometry verifies peptide composition and reversed-phase chromatography verifies the purity. Your peptides are supplied with a copy of the analytical HPLC chromatogram and MALDI-TOF MS analysis for your records. Custom peptides are generally dispatched within 2-3 weeks, depending on the quantity and purity requested.

Our standard peptide synthesis service includes the following purities and quantities of peptide. Contact us if you require lower grade purity or larger amounts, we can also supply in gram quantities.

Purity	Crude, >70%, >75%, >80%, >85%, >90%, >95%, >98%
Quantity	1-4 mg, 5-9 mg, 10-14 mg, 15-19 mg, 20-24 mg, 25-29 mg, 50-59 mg
Typical dispatch time	Crude, >70% and >75% purity, 2-3 weeks >80% to >98% purity, 3-4 weeks

In addition to the synthesis options listed, a wide range of N-terminal, C-terminal and internal modifications and non-standard amino acids is available. The table shows a selection of the most commonly requested. If your modification of interest is not in the list, contact Prolmmune with your requirements.

N-terminal	Acetylation Biotin FITC Dansyl 7-Methoxycoumarin Acetic Acid Formylation Myristic Acid Palmitoylation
C-terminal	Amidation pNitroanilide 7-Amino 4-methyl coumaride
Internal	Biotin Phosphoserine Phosphothreonine Phosphotyrosine Acetylation
Non-standard residues	Ornithine Norleucine Norvaline Homoserine Homocysteine Penicillamine Cyclization D-amino acids N-methyl amino acids
Other modifications	Cyclization Glycosylation

Contact us to request a quotation tailored to your needs:

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