

Custom Peptides

Quality you can trust



Custom Peptides

Every peptide synthesis is a challenge of its own. Over the last 12 years our team has accumulated a tremendous expertise through tens of thousands of successful custom peptide syntheses.

By carefully listening to our world-wide customer base we are constantly adapting our product offering to your needs.

- Fastest manufacturing time
- A proven record of quality
- Close to 100% synthesis success rates
- Purity you can trust
- A team of experts always ready to assist you quickly and efficiently
- An up-to-date and extensive choice of modifications

Day after day this partnership will help you to achieve best results, faster.

Fastest manufacturing time

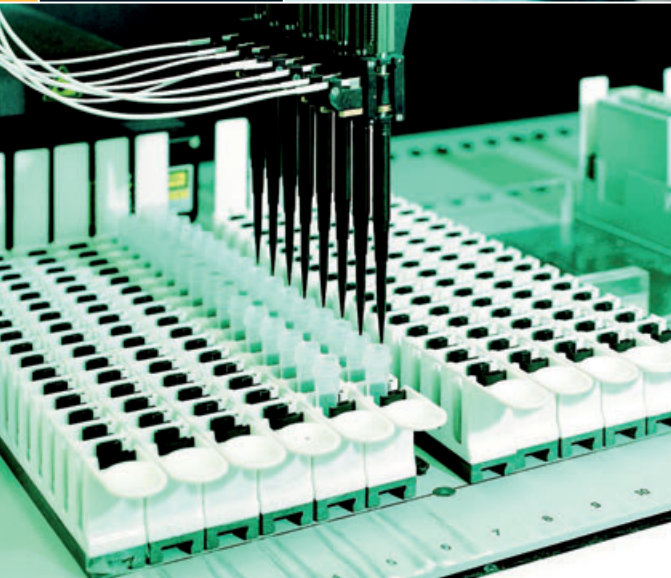
In today's proteomic world, fast delivery time is a 'must have'. Every day our teams are using a systematic approach (PPI)* to continuously improve our processes. In fact 75% of peptides are shipped within 10 days of order.

A proven record of quality

Our Quality Management System is certified according to ISO9001 since 1999. For all our collaborators it is more than a certificate, it is a way of life. Every day demanding customers from all over the world are renewing their confidence in our products.

peace of mind

*Practical Process Improvement



Close to 100% synthesis success rates

Peptide synthesis results are partly dependent on the sequence, length and modification requested. The knowledge and experience of our chemists are essential to success. If it is possible, we will do it.

Purity you can trust

We deliver our peptides in purity grades ranging from crude to >99%. Every peptide is fully documented, including mass spectrometry and analytical HPLC certificates. We always ensure the sequence and the purity of peptides delivered.

A team of experts

With our team you will always find an experienced chemist ready to listen to your requests and to provide technical assistance whenever needed.

An up-to-date and extensive choice of modifications

We are updating our portfolio continuously so we are able to provide new molecules required by scientific developments. If the modification you need is not listed, do not hesitate to contact us – we are always open to develop customized solutions for your specific requirements.

Thermo Scientific HeavyPeptide™ kits – Basic and AQUA grade for relative and absolute quantification of proteins

We routinely synthesize peptides labelled with ¹³C and ¹⁵N isotopes. These so-called HeavyPeptides are extremely useful tools for quantifying your protein by mass spectroscopy.

Please ask for literature or go to www.thermo.com/heavypeptides

I.M.P. (Interactiva Manufacturing Process) grade peptide

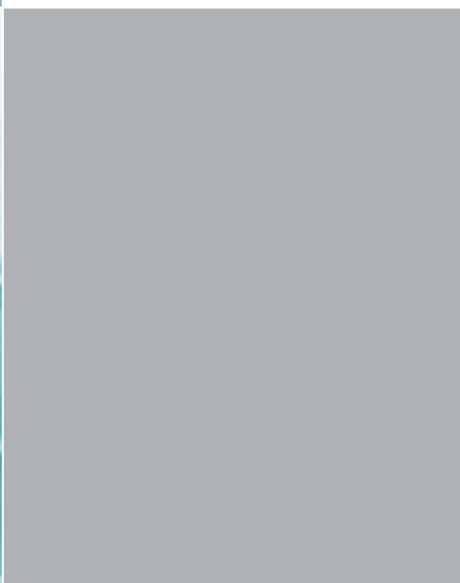
If you are using synthetic peptides for a diagnostic application or perhaps in a commercial kit, product or service, our I.M.P. service gives you the traceability and documentation you require.

When ordering I.M.P grade peptides, you receive full documentation of all reagents and instruments, as well as special product handling by our technical team. Guaranteed quality and QA at reasonable costs!

trust



fast



Modifications types

- Acetylation of N-terminus (Ac-NH-)
- Acetyl-lysine
- Aldehyde
- 6-amino hexanoic acid (Ahx)
- Amidation of C-terminus (-CONH₂)
- Amino benzoic acid
- Beta alanine
- Bovine serum albumine (BSA)
- Biotin
- Caproic acid
- CBZ (Z)
- Citrulline
- Conjugation (BSA, KLH)
- Conjugation (oligonucleotides)
- Coumarin
- Custom FRET peptides
- Cyclization via termini or disulfide bridge
- D-amino acids
- Dabcyl
- Dabsyl
- Dansyl
- Dimethyl lysine
- Dinitrophenyl (DNP)
- DyLights™ dyes
- Dyomics dyes
- EDANS
- Farnesyl
- Fluorescein (FITC/5-FAM)
- Formic acid
- Glycosylation (Mannose, Galactose)
- Hydroxy proline
- Isotopically labeled amino acids (with ²H, ¹³C, ¹⁵N)
- Keyhole limpet hemocyanine (KLH)
- Mercaptopropionic acid
- Methoxy-coumarin-acetic acid (MCA)
- Methyl lysine
- Multiple antigen peptides (MAP)
- Myristic acid
- 3-nitro tyrosine
- Norleucine (Nle)
- Octanoic acid
- Palmitoic acid
- Phosphorylation of Ser, Thr and Tyr
- Pyro glutamic acid (Pyro-E)
- Rhodamine B
- Rhodamine 110
- Spacer
- Special amino acids (D-amino acids, other amino acids)
- Stearic acid
- Sulfurylation of Ser, Thr and Tyr
- Tetramethylrhodamine (TAMRA)
- Texas red
- Other dyes or modifications on request

Peptide-Protein conjugates for immunization

High-grade peptides can be coupled to carrier proteins like KLH (Keyhole limpet hemocyanine) or BSA (Bovine serum albumin) via an amino or thiol group. MAP (Multiple antigen peptide) are also available.

Visit our web site

For further information and ordering, please visit www.thermo.com/peptides



¹IP and Trademark
AQUA: This method was developed by Dr. Steve Gygi and colleagues at Harvard Medical School Stemmann O, Zou H, Gerber SA, Gygi SP, Kirschner MW; Dual inhibition of sister chromatid separation at metaphase, Cell 2001, Dec 14, 107:715-726) and is the subject of both US and PCT Patent Applications. Limited noncommercial use of this method is permitted under a licensing arrangement with Harvard Medical School. AQUA is a trade mark of Harvard Medical School. HeavyPeptide, Quantum, Finnigan and BioWorks are trademarks of Thermo Fisher Scientific.

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