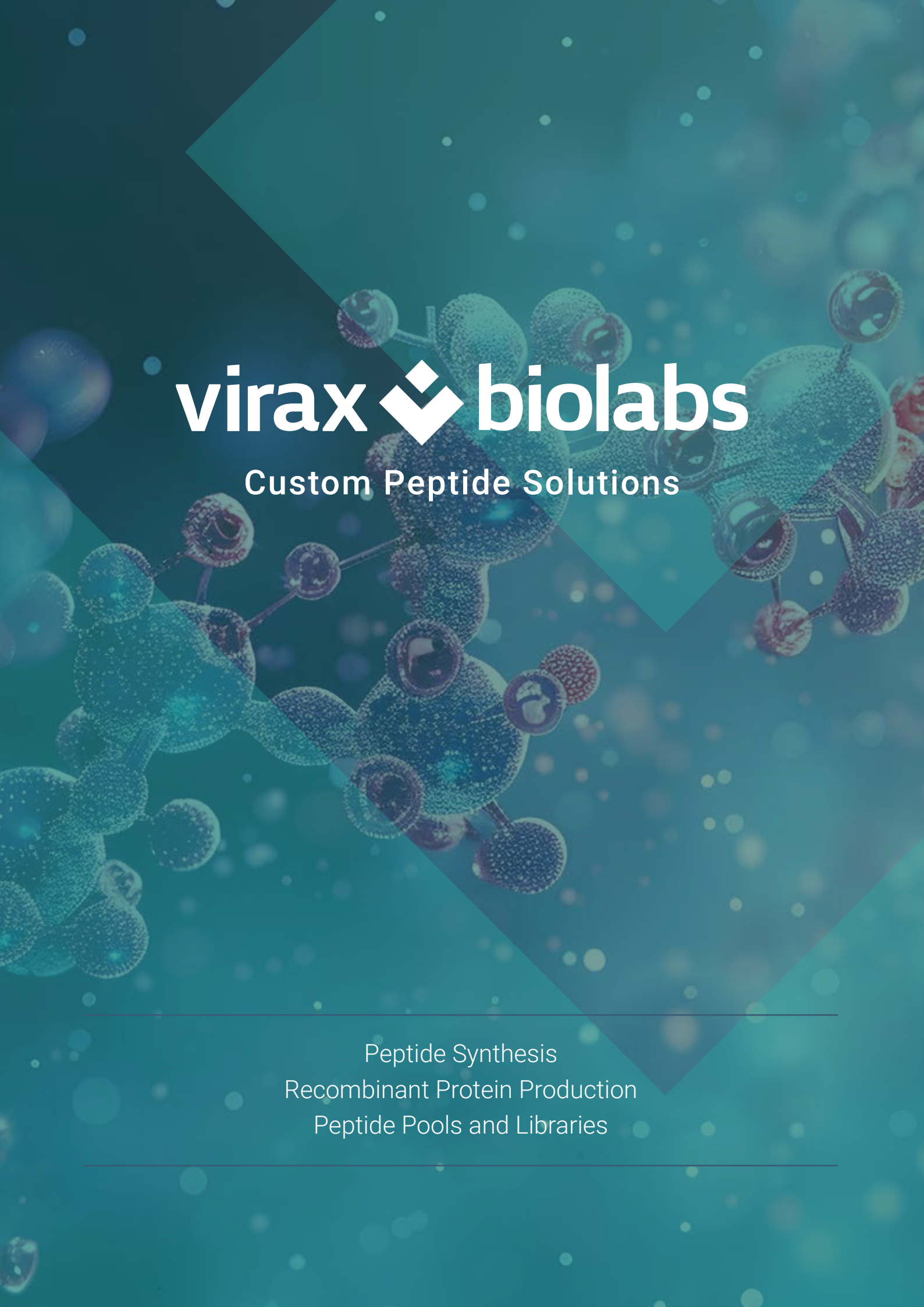




virax biolabs

Custom Peptide Solutions

Peptide Synthesis
Recombinant Protein Production
Peptide Pools and Libraries

Custom Peptide Solutions

Virax Biolabs provides tailored peptide synthesis and recombinant protein production for research and development. From small to medium-scale production, we deliver custom peptides with various modifications, labels, and formats. Whether you need simple peptides or complex designs, our expert team ensures precision and reliability for projects of any scale.



Peptide synthesis services

We can make...

- ❖ Peptides ranging from short (2aa) to long (50aa)
- ❖ With N-terminal modifications
- ❖ With C-terminal modifications
- ❖ With unnatural amino acids
- ❖ Branched peptides
- ❖ Cell permeable peptides
- ❖ Peptides with affinity tags
- ❖ Antigenic peptides
- ❖ Peptide pools and libraries
- ❖ Peptidomimetics

We can assist with the design of peptide pools, creating your custom libraries, and advise you on the selection of epitopes best suited to your research purposes. We can also help optimise your desired peptides for clinical application or cellular assays.

Peptide pools for biological applications

We can assist with the design of peptide pools, the creation of custom libraries, and are happy to advise on the selection of epitopes, at no cost.

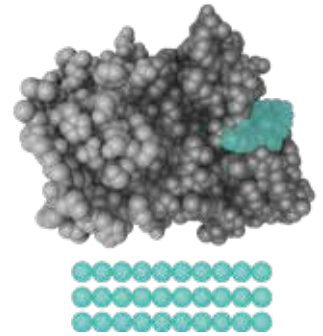
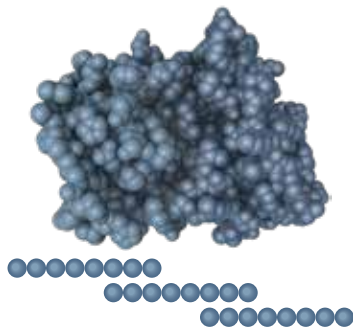
SINGLE LINEAR PEPTIDES

You decide:

- ◆ The target peptide
- ◆ The peptide length

Applications:

- ◆ Anti-microbial peptide studies
- ◆ Synthetic hormone peptide studies



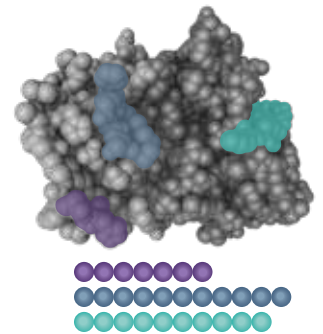
COMPLETE PROTEIN SEQUENCES

You decide:

- ◆ The protein target
- ◆ The peptide length
- ◆ Selected overlapping

Applications:

- ◆ Antigen discovery
- ◆ Stimulation in cellular assays
- ◆ Epitope mapping



SELECTED EPITOPES

You decide:

- ◆ Mono- or multi-protein
- ◆ Selected epitopes
- ◆ MHC-I or MHC-II specificity

Applications:

- ◆ Specific activation of T cells
- ◆ Control of T cell function
- ◆ Measurement of immune responses



LABELLED PEPTIDES

You decide:

- ◆ Modification type: fluorescent dyes or biotinylated
- ◆ Label position: N-terminal, C-terminal, or internal

Applications:

- ◆ Protein-protein interaction assays
- ◆ Affinity purification
- ◆ High-throughput screening
- ◆ Cellular imaging and localization studies

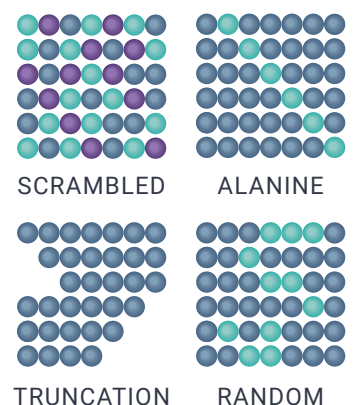
CUSTOM LIBRARIES

You decide:

- ◆ The library type (scrambled, alanine, truncation, or random)
- ◆ The peptide length
- ◆ The amount of amino acid shift

Applications:

- ◆ Identifying functional domains
- ◆ Domain mapping
- ◆ High-throughput screening
- ◆ Vaccine design and epitope optimisation

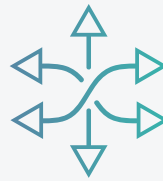


Service highlights



Fast and Affordable

Custom peptides with quick turnaround. Contact us for a personalized quote within 48 hours.



Versatile Applications

Peptides for all your research needs: cell permeable, fluorescently labelled, antigenic, and more.



High Purity and Reliable

From crude to 99% purity, with a no-charge policy if synthesis fails.



Comprehensive Data

Each peptide includes full chemical analysis, CoA, MS spectra and HPLC chromatograms.

Discounts available for academic researchers and those who have used our products in publications.

Contact us at support@viraxbiolabs.com to find out how we can help you find the custom peptide solution that's right for you.

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www.viraxbiolabs.com
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