

# Peptide Synthesis



Up to 180 AA



From mg to kg



Purity levels up to 99%



Various peptide modifications



Success rate > 98%

Tsingke provides reliable custom peptide synthesis services for over 1,000 customers worldwide, offering more than 5,000 peptide products. Our platform, based on self-developed automatic and semi-automatic synthesizers, integrates solid-phase, liquid-phase, and microwave technologies to ensure high quality, high efficiency, and flexible production.

We provide custom peptides up to 180 amino acids with up to 99% purity, offering a wide range of modifications and carrier protein conjugations. Each peptide is rigorously validated by HPLC and mass spectrometry, ideal for applications in antibody development, peptide drug research, cosmetic peptide formulation, and preclinical API development.

## Large-Scale Synthesis

Tsingke also offers large-scale peptide synthesis for research and industrial applications, producing hundreds of grams to kilograms with high yield, stability, and consistency.

3

Monthly output:  
reach 3 kilogram



Success rate  
of > 98%



One-on-one  
follow-up by our  
expert team

# Application

Peptide drugs

Cosmetic peptides

Active Pharmaceutical  
Ingredients (APIs)

## Peptide Synthesis & Modification Services

Service Name	Service ID	Specification	Turnaround Time	Features
Standard Peptide Synthesis	Tsingke-D01	1mg-1g; Crude to 75%-98% purity	2-3 weeks	Suitable for peptides < 30 AA
Peptide Modification	Tsingke-D03	Various modifications	4-6 weeks	Includes lipidation, phosphorylation (Ser, Thr, Tyr), cyclization (amide or disulfide bonds), fluorescent labeling (e.g., FAM), biotin labeling
Structural Peptide Synthesis	Tsingke-D04	Various peptide structures	4-6 weeks	Provides linear, branched, asymmetric branched, and cyclic peptide structures
Peptide Conjugation	Tsingke-D05	Conjugation services for antigen peptides	3-5 weeks	Enables conjugation to KLH, BSA, OVA, and other carrier proteins
Peptide Library	Tsingke-D06	Bulk order	3-5 weeks	Supports single-peptide, batch, and library-scale synthesis

## Equipment



96-channel automated peptide synthesizer



ZLGJ-100 Pilot Scale Freeze Dryer



Desktop Purification Equipment



DAC Purification System

