

About GL Biochem

Established in 1998, GL Biochem is one of China's earliest pioneers in the peptide industry. A staff of over 1,000 skilled employees has enabled rapid expansion into the global market. Known for the highest product quality and a competitive pricing advantage, GL Biochem is the world's largest R&D custom peptide producer with a global market share of over 60%.

GL Biochem is a leading peptide technology with more than a decade of development expertise, numerous National and Provincial science and technology research awards, and an integrated technical strength that made GL Biochem a pioneer in peptide production.

GL Biochem is committed to talent recruitment and staff training. GL Biochem employs leading research professionals from internationally recognized domestic and overseas universities. Our international staff reflects the commitment we have to remain ahead of the competition.

GL Biochem has invested in the world's most sophisticated manufacturing and leading analytical equipment in the peptide field: MS, NMR, FT-IR, UV, Polarimeter, Elemental Analyzer, Karl Fischer Titrator, Amino Acid Analyzer, Ion Chromatography, Gas Chromatography, Multi-channel Peptide Synthesizer, Microwave Peptide Synthesizer and other manufacturing machines and equipment.

GL Biochem is the world's leader in the peptide industry, China's most reliable supplier of peptide related products, and is committed to providing quality products, outstanding service, and the latest in emerging research to biotech and pharmaceutical scientists and researchers around the world.

List of Modification

N, C terminal modification	Special amino acids	Fluorescence/dye labeling	Cyclic peptide	Antigen peptide
Fmoc Boc CBZ For Ac	D-Amino Acid D-Ala,D-Leu,D-Met,D-Pro,D-Phe D-Val,D-Asp,D-Asn,D-Cys,D-Glu D-His,D-Lys,D-Ser,D-Tyr,D-Thr D-Gln, D-AlloIle,D-Arg,D-Trp	Biotin	Disulfide bond Disulfide bridge 1 st Disulfide bridge 2 nd Disulfide bridge 3 rd Amide cyclic (Side chain, end)	MAPS 2 branches 4 branches 8 branches
N-Fatty acid Myr Pal Ste	Abu, Aib, Orn, Nal, Pal, Pra Tle, Met(O), Cit, Dab, Dap Nva, Nle, Pen, Bpa, Hyp, Phg HArg, HSer, HPhe, HCys, HClit, HPro, Hleu, Chg, Cha, Tic, Oic β -Homo amino acids	FITC/5-FAM	Amide bond Head to tail Lys side chain Orn side chain Glu side chain	KLH BSA OVA
C-Esterification OMe OEt OtBu Obzl	Phe(4-Cl), Phe(4-CN), Phe(4-Br) Phe(4-I), Phe(4-F), Phe(4-Me) Phe(4-NH ₂), Phe(4-NO ₂), Phe(2-Cl), Phe(3-Cl), Phe(3,4-DiCl)	MCA, AMC	Ester bond Thioester cyclic Lactone cyclic	
C-Ammonification NH ₂ NHMe NHEt NHisopen NHPh	Tyr(Me), Tyr(3-NO ₂), Tyr(3-Cl) Tyr(3-I), Tyr(3-F) Tyr (3,5-DiCl) Tyr (3,5-DiF)	5-TAMRA, Rhodamine B		
Mpa Tos Pyr Suc	Lys(Me), Lys(Me ₂), Lys(Me ₃) Orn(Me), Orn(Me ₂), Orn(Me ₃) Arg(Me ₂) Symmetrical, Arg(Me ₂) Asymmetrical Arg(Me), Trp(2-Me), His(1-Me)	NBD		
Fructose Glucose	Tyr(SO ₃ H ₂) Ala(SO ₃ H ₂)	Dansyl		
Pegylation mPEG2000 mPEG3000 mPEG5000	pSer pThr pTyr	Quenched peptide		



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5 Major Advantages of Using GL Biochem Custom Peptide Services:

- Excellency in Quality:** With more than 10 years' experience in quality management and full fledged QC capability, GL Biochem is recognized worldwide for the highest product quality.
- Competitive Pricing:** With a large scale manufacturing capacity and a first class production process, GL Biochem is able to provide uncompromised quality product at very competitive pricing.
- State of the Art Facilities:** GL Biochem possesses sophisticated, cutting-edge equipment: MS, NMR, FT-IR, UV, Polarimeter, Elemental Analyzer, Karl Fischer Titrator, Amino Acid Analyzer, Ion Chromatography, Gas Chromatography, Multi-channel Peptide Synthesizer, and a Microwave Peptide Synthesizer.
- Advantage of Scale:** Based on the outstanding price advantage, GL Biochem's peptide products are well received by international customers. Global market share is estimated to be more than 60%!
- Fast Delivery:** GL Biochem has a 24-hour continuous, mass production line for the fastest turnaround in the peptide industry. standard peptides are ready in one week; purified peptides are available within two weeks.



Custom Peptide Price Table

Price per residue for 6-30 mer peptides (US \$)

Purity Amount	Crude	Desalted	>75%	>80%	>85%	>90%	>95%	>98%
1-4 mg	\$4.60	\$5.90	\$9.90	\$10.50	\$11.20	\$11.80	\$12.40	\$16.00
5-9 mg	\$5.00	\$6.30	\$11.00	\$11.70	\$12.50	\$13.20	\$13.90	\$18.00
10-14 mg	\$5.40	\$6.80	\$12.40	\$13.20	\$14.10	\$14.90	\$15.70	\$20.30
15-19 mg	\$5.90	\$7.40	\$14.10	\$15.00	\$16.00	\$16.90	\$17.80	\$23.00
20-24 mg	\$6.40	\$8.00	\$15.60	\$16.60	\$17.70	\$18.70	\$19.70	\$25.80
25-29 mg	\$7.00	\$8.70	\$17.20	\$18.30	\$19.50	\$20.60	\$21.70	\$28.00
30-39 mg	\$7.70	\$9.40	\$18.80	\$20.10	\$21.40	\$22.60	\$23.80	\$31.00
40-49 mg	\$8.50	\$10.20	\$20.40	\$21.80	\$23.20	\$24.50	\$25.80	\$33.70
50-59 mg	\$9.40	\$11.10	\$22.50	\$24.00	\$25.70	\$27.10	\$28.50	\$37.30
60-79 mg	\$10.40	\$12.00	\$25.00	\$26.50	\$28.50	\$30.00	\$31.50	\$41.00
80-100 mg	\$11.50	\$13.20	\$29.00	\$30.80	\$33.00	\$34.70	\$36.50	\$47.50
1000 mg	\$36.00	\$42.00	\$86.00	\$92.00	\$99.00	\$104.00	\$110.00	\$143.00