

Peptide Products

Multiple Applications | Stable Quality | Customizable

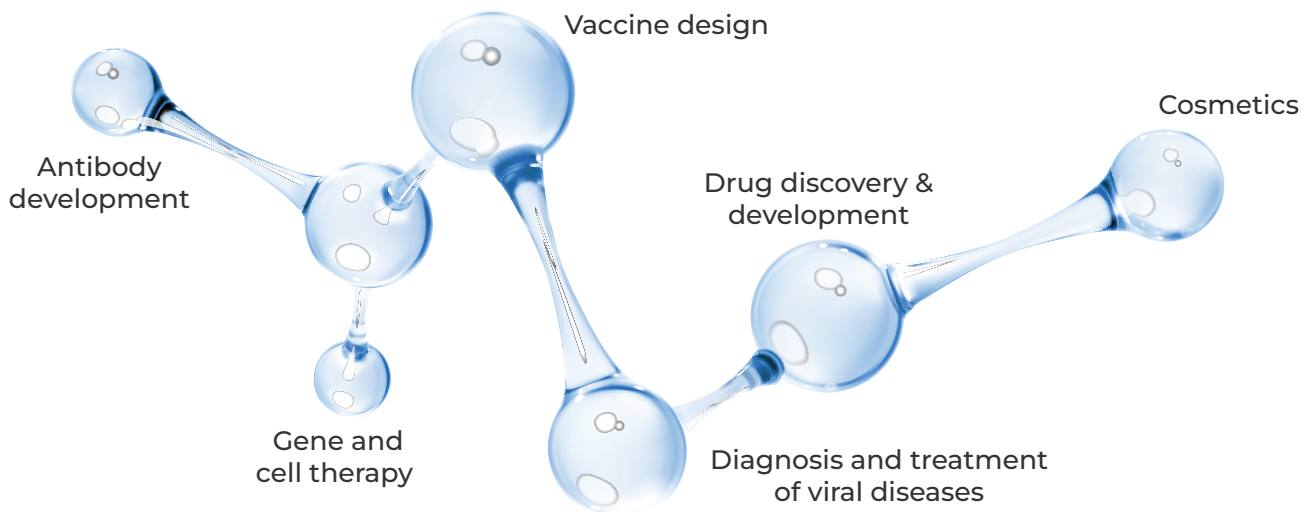


Peptide Products

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Application Field

The application of peptides is extensive and expanding. From fundamental research to drug development and cosmetics, GenScript empowers diverse fields by providing peptide solutions.



Production Environment and Technology Platform

Each peptide synthesis in GenScript is subjected to strict QC processes, and the production environment and equipment are specially maintained and kept by dedicated personnel. Strict operation processes and management system ensure high quality and efficiency of peptide production.

With more than 20 years of experience in peptide synthesis, GenScript is equipped with international leading peptide synthesizers, professional technicians and peptide synthesis and purification processes. Our proprietary advanced synthesis platform and quality inspection system work in concert to provide customers with satisfactory products.



Peptide Product Categories

Based on the advantages of the proprietary synthesis service platforms, our wide range of off-the-shelf peptides enables cutting-edge research to be conducted in a timely manner. All peptide products are purified by HPLC with more stable quality.

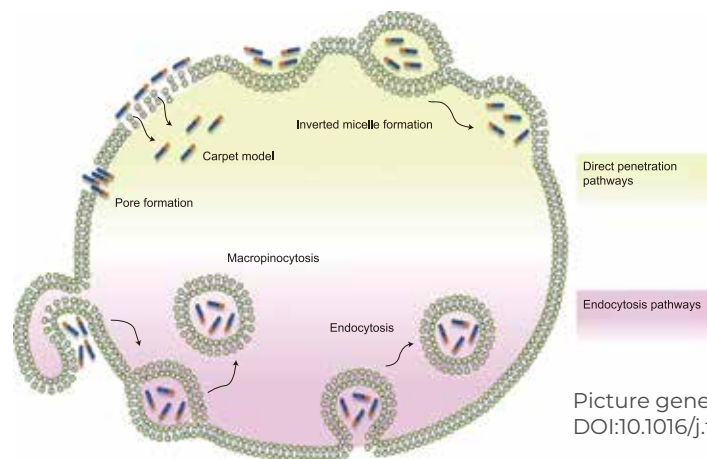
Cell Penetrating	Diabetes & Obesity	Neuroscience	AAV	Cancer
Cardiovascular	Cell Signaling	Cosmetic	COVID	KRAS
OVA	Peptide Library	Protein Tag		

Featured offerings



Cell Penetrating Peptides

Cat.No.	Product Name
RP20256	TAT peptide
RP20343	Cys-TAT(47-57)
RP20297	RGD
RP11735	HA Peptide
RP20283	GRGDSPC
RP20464	Rabies Virus Glycoprotein
RP20513	SV40 T-Ag-derived NLS peptide



Picture generated from DOI:10.1016/j.tips.2017.01.003



Diabetes & Obesity Peptides

Cat.No.	Product Name
RP12738	Glucagon-Like Peptide (GLP) I (7-37)
RP10773	Glucagon-Like Peptide (GLP) I (7-36), amide, human
RP10772	Glucagon (1-29), Human
RP10795	Gastric Inhibitory Peptide (GIP), human
RP10874	Exendin-4
RP11278	Amylin, human, amide
RP11116	C-Peptide (3-33), human

Related Service

GLP-1 Receptor Agonist Services
supporting your GLP-1 drug development



One-Stop Service

From early drug screening, process development to cGMP production



Diversified Solutions

Robust modification techniques including advanced conjugation services with small molecule drugs

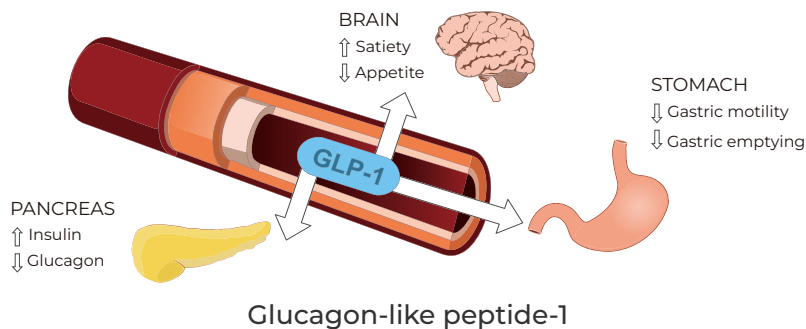


Regulatory Compliance CMC Service

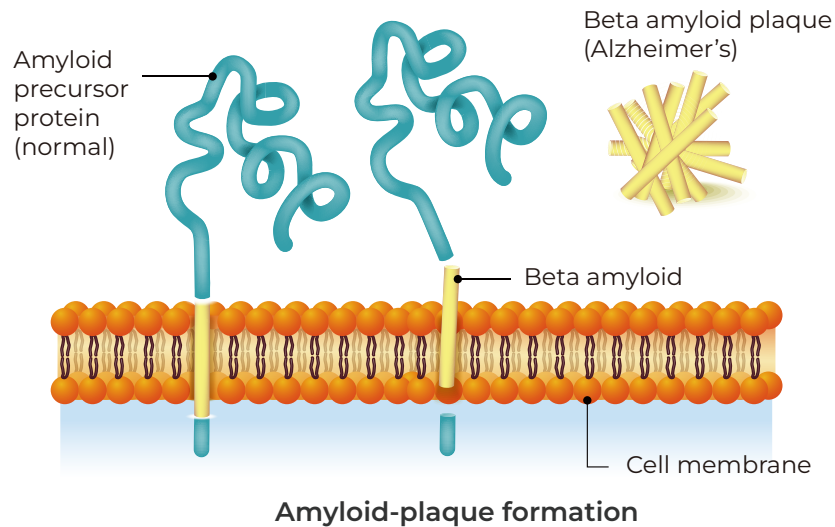
Streamlining GLP-1 analogs development and registration with comprehensive CMC services

Related Products

Cat.No.	Product Name
M00451	CHO-K1/GLP1R/Gα15 Stable Cell Line
M00969	CHO-K1/CRE-CBLuc/GLP1R
M00486	CHO-K1/GIP/Gα15 Stable Cell Line
M00307	CHO-K1/GLP2R/Gα15 Stable Cell Line



Cat.No.	Product Name
RP10004	β -Amyloid (1-40)
RP30249	Biotin- β -Amyloid (1-40)
RP30251	5-FAM- β -Amyloid (1-40)
RP30250	[Gly22]- β -Amyloid (1-40), Arctic Mutation
RP10008	β -Amyloid (25-35)
RP10017	β -Amyloid (1-42), human
RP20527	β -Amyloid (1-42), human
RP30246	Biotin- β -Amyloid (1-42), human
RP30248	5-FAM- β -Amyloid (1-42), human
RP30247	[Gly22]- β -Amyloid (1-42), Arctic Mutation
RP10245	Myelin Oligodendrocyte Glycoprotein Peptide (35-55), mouse, rat
RP10492	Neuropeptide Y, human
RP10781	Ghrelin, rat
RP10972	Cortistatin 14, human, rat
RP11090	Calcitonin Gene Related Peptide (CGRP) (8-37), rat
RP11095	Calcitonin Gene Related Peptide (CGRP), rat
RP11344	β -Endorphin, human



Cat.No.	Product Name
RP30159	GS-PepRejuv™ Copper Tripeptide-1, Hydrochlorate
RP30117	GS-PepBright™ Nonapeptide-1
RP30144	GS-PepFirming™ Acetyl Hexapeptide-1
EFfCI-GMP-RP30132	GS-PepFirming™ Acetyl Hexapeptide-1 Stock Solution
RP30143	GS-PepFirming™ Acetyl Hexapeptide-8
EFfCI-GMP-RP30220	GS-PepFirming™ Acetyl Hexapeptide-8 Stock Solution
RP30100	GS-PepRejuv™ Oligopeptide-1
RP30125	GS-PepRejuv™ MP01
RP30198	GS-PepBright™ MP04
RP30094	GS-PepFirming™ Dipeptide Diaminobutyroyl Benzylamide Diacetate
EFfCI-GMP-RP30133	GS-PepFirming™ Dipeptide Diaminobutyroyl Benzylamide Diacetate Stock Solution
RP30039	GS-PepFirming™ Palmitoyl Pentapeptide-4
RP30222	Tripeptide Library Matrix (8000 peptide)

GS-PepRejuv™ Copper Tripeptide-1



Peptide Synthesis Services

GenScript provides a full spectrum of high-quality peptide services ranging from Custom Peptide Synthesis to high throughput Peptide Libraries, from RUO to cGMP to meet diverse application needs.

Service Details

Customized Peptides	Regular synthesis	Rush synthesis	Fast synthesis
Turnaround time* (Business Days)	10	5	6
Sequence length	<200 AA	Up to 25 AA	Up to 25 AA
Purity	Crude to >98%	Crude	>70% to 98%
	<ul style="list-style-type: none"> • 300+ modifications • Up to kilogram level • Solubility Testing^{upgraded} 		<ul style="list-style-type: none"> • 300+ modifications • Up to 100 mg • Solubility Testing^{upgraded}

Peptide Libraries	Standard peptide library	Micro-scale peptide library
Length	5 - 25 AA	5 - 20 AA
Purity	Crude, >70% to >98%	Crude, 70% to >98%
Quantity	1 - 20 mg	0.2 - 0.5 mg
Minimum order size: 24 peptides; Turnaround time*: 3 - 4 weeks		

cGMP Peptides	Neoantigen Peptide	API
Sequence length	Up to 35 AA	UP to 80 AA
Purity	≥90% to ≥98%	Crude to ≥98%
Guaranteed Quantity	Up to 150 mg	mg to kg

*Turnaround time includes business days from project confirmation to completion, not including sterile processing or shipping time. Difficult sequences or sequences with multiple modifications may require additional time.

Large-scale Peptide Synthesis		Customization Options (Optional)	
Purity	≥98%	<ul style="list-style-type: none"> • Process optimization • Sample trial • Customized analytical testing • Analytical method development • Parameter identification report • R&D report • Product report • Custom packaging or delivery 	
Quantity	Up to 5 kg		
Length	<200 AA		
Shipping method	Peptide lyophilized powder		
Quality certification	COA, HPLC and MS		
Project communication	Regular teleconference		

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