



GENE BIOCON

Pharmaceutical Intermediates Series

Highly Active Biological Raw Materials

Biological medicine raw materials

Cell Growth Factor



















Genetically engineered enzymes

Zhuhai Gene-Biocon Biological Technology Co., Ltd.

Version 2025











For: Production of Biological Medicines

CATEGORY	CAS	SPEC	APPLICATION	FEATURES
Insulin Degludec    	844439-96-9	10g/Vial 100g/Vial 500g/Vial	<ul style="list-style-type: none"> Used in type II diabetes treatment. 	<ul style="list-style-type: none"> Ultra-long-acting insulin, duration of efficacy up to 42hs. Expressed in recombinant Yeast. Purity ≥ 99%.
Insulin Aspart   	116094-23-6	10g/Vial 100g/Vial 500g/Vial	<ul style="list-style-type: none"> Used in type I and type II diabetes treatment. 	<ul style="list-style-type: none"> Fast acting insulin, starts to work in about 15 minutes after injection. Expressed in recombinant Yeast. Purity ≥ 99%.
Semaglutide   	910463-68-2	10g/Vial 100g/Vial 500g/Vial	<ul style="list-style-type: none"> Used in type II diabetes treatment; weight-loss 	<ul style="list-style-type: none"> Ultra-long-acting GLP-1 Analogues, can be made into oral preparation and injection. Oral preparation once per day, Injection once a week. Expressed in Recombinant E. Coli. Purity ≥ 99%.
Semaglutide Intermediate P29 (GLP-1(9-37))    	1169630-82-3	10g/Vial 100g/Vial 500g/Vial	<ul style="list-style-type: none"> Utilized in the production and development of Semaglutide. 	<ul style="list-style-type: none"> Expressed in Recombinant E. Coli. Purity ≥ 95%. Produced by Biotechnological with GMP standards.
Tirzepatide    	2023788-19-2	1g/Vial 100g/Vial	<ul style="list-style-type: none"> Used in II diabetes treatment; weight-loss 	<ul style="list-style-type: none"> Small difference between batches, stable quality. Purity ≥ 99%



For: Production of Vaccine and GLP-1 Drugs, Cell Dispersion, Protein Analysis

CATEGORY	CAS	SPEC	APPLICATION	FEATURES
Recombinant Trypsin (Cell culture Grade)    	9002-07-7	1g/Vial 10g/Vial 100g/Vial	<ul style="list-style-type: none"> Vaccine production; Cell therapy; Cell dispersion in cell culture. 	<ul style="list-style-type: none"> Expressed in Recombinant Yeast with low endotoxin; Comply will USP42 and Ch.P 2020; Specific activity ≥ 3800USP units/mg pro.
Recombinant Trypsin (Pharmacopoeia Grade)    		1g/Vial 10g/Vial 100g/Vial	<ul style="list-style-type: none"> Biologics production (such as insulin and GLP-1 drugs); Protein Analysis; Cell dispersion in cell culture. 	<ul style="list-style-type: none"> Expressed in Recombinant Yeast; Comply will USP42 and Ch.P 2020; Specific activity ≥ 3800USP units/mg pro.



New product



Comply with GMP guidelines



ISO 9001



Patented product



No animal origin



For: Production of Vaccine and GLP-1 Drugs, Cell Dispersion, Protein Analysis

CATEGORY	CAS	SPEC	APPLICATION	FEATURES
Recombinant Trypsin (1:250)	9002-07-7	100g/Vial	<ul style="list-style-type: none"> Cell dissociation in cell culture passage and primary tissue dissociation, such as the production of human or veterinary vaccine. 	<ul style="list-style-type: none"> No animal origin, low cost of use, instead of traditional animal extracted Trypsin(1:250); Specific activity ≥ 80USP units/mg powder.
Recombinant Heat-stable Trypsin		100g/Vial 1g/Vial	<ul style="list-style-type: none"> Production of heat-stable trypsin dispersion solution; Production of biologics. 	<ul style="list-style-type: none"> Expressed in Recombinant Yeast; Highly heat-stable. Specific activity ≥ 2500 USP units/mg
TrypRE select (1x)		100ml/Vial 500ml/Vial	<ul style="list-style-type: none"> Used in various types of cell digestion. 	<ul style="list-style-type: none"> Storage at 2~8°C, no need to be thawed when using. Specific activity ≥ 200 USP units/ml
Recombinant Lysyl Endopeptidase(Biochemical Grade)	72561-05-8	100AU/Vial 1000AU/Vial	<ul style="list-style-type: none"> Biological medicine production (such as insulin, GLP-1 drugs) 	<ul style="list-style-type: none"> Patented technology products; High purity and high catalytic efficiency; Specific activity ≥ 2.5AU/mg pro.
Recombinant Lysyl Endopeptidase (M.S. Grade)		5AU/Vial 10AU/Vial	<ul style="list-style-type: none"> Protein analysis 	<ul style="list-style-type: none"> High purity and high specific activity; Specific activity ≥ 3.0AU/mg pro.
Recombinant Carboxypeptidase B	9025-24-5	100mg/Vial 1g/Vial	<ul style="list-style-type: none"> Biological medicine production; Quality testing of antibodies 	<ul style="list-style-type: none"> Expressed in Recombinant Yeast with no animal origin; Specific Active ≥ 150U/mg pro.
Recombinant Enterokinase	9017-74-8	1KU/Vial 10KU/Vial	<ul style="list-style-type: none"> Enzyme digestion for fusion proteins; Biological medicine production. 	<ul style="list-style-type: none"> Expressed in Recombinant Yeast, enzyme solution, easy to use. Activity ≥ 5.0U/μl.
Recombinant Enterokinase Freeze-dried Powder		100mg/Vial		<ul style="list-style-type: none"> Expressed in Recombinant Yeast. Freeze-dried powder, high stability. Specific active ≥ 1000U/mg pro.
Recombinant Kex2 Protease	99676-46-7	100mg/Vial 1g/Vial	<ul style="list-style-type: none"> Enzyme digestion for fusion proteins; Biological medicine production. 	<ul style="list-style-type: none"> Expressed in Recombinant Yeast. Specific activity ≥ 10U/mg pro.
Penicillinase	9001-74-5	100MU/Vial 1000MU/Vial 5000MU/Vial	<ul style="list-style-type: none"> Remove antibiotic residues; Sterility detection of β-lactam antibiotics. 	<ul style="list-style-type: none"> Expressed in Recombinant E. Coli. Freeze-dried powder, high stability. Activity ≥ 2.0x10⁶ USP units/mg powder.
Penicillinase solution		15MU/Vial 150MU/Vial 1500MU/Vial		<ul style="list-style-type: none"> Expressed in Recombinant E. Coli. Enzyme solution, easy to use. Activity ≥ 3.0x10⁶ USP units/ml.



New product



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No animal origin



Used in cell culture and cultured meat

CATEGORY	CAS	SPEC	APPLICATION	FEATURES
Recombinant Human Basic Fibroblast Growth Factor (bFGF)   	62031-54-3	10mg/Vial 100mg/Vial	<ul style="list-style-type: none"> Dispensing Serum-free medium for cell culture; Trauma repair drugs production. 	<ul style="list-style-type: none"> Expression in Recombinant <i>E. Coli</i>. Specific activity $\geq 1.0 \times 10^7$ U/mg protein.
Recombinant Bovine Basic Fibroblast Growth Factor (rbFGF)   		500mg/Vial 1g/Vial	<ul style="list-style-type: none"> Used in cell culture; Cultured meat production. 	<ul style="list-style-type: none"> Expression in Recombinant <i>E. Coli</i>. Specific activity $\geq 1.0 \times 10^7$ U/mg protein.
Recombinant Human Epidermal Growth Factor (EGF)   	62253-63-8	10mg/Vial 100mg/Vial 1g/Vial	<ul style="list-style-type: none"> Dispensing Serum-free medium for cell culture; Medical devices, etc. 	<ul style="list-style-type: none"> Expression in Recombinant Yeast. Specific activity $\geq 5.0 \times 10^6$ U/mg protein.
Recombinant Human Insulin-like Growth Factor (IGF-1)   	67763-96-6	1mg/Vial 10mg/Vial 100mg/Vial	<ul style="list-style-type: none"> Dispensing Serum-free medium and Cell culture. 	<ul style="list-style-type: none"> Expression in Recombinant Yeast. Specific activity $\geq 1.0 \times 10^5$ U/mg protein.

*The above products are only for scientific research and production applications and cannot be used directly on the human body. The actual parameters are based on each batch's COA; If you need to customize, please contact the sales personnel. Zhuhai Gene-Biocon Biological Technology Co., Ltd. reserves the right of final interpretation.



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GENE-BIOCON

Highly Active Biological Raw Materials

Contact Us

Biological medicine raw materials

Cell Growth Factor

Genetically engineered enzymes

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