

# Product Catalogue

## Used to purify, immobilize or detect immunoglobulins

CATEGORY	CAS	SPEC	APPLICATION	FEATURES
Recombinant Protein A (0.5M NaOH)	91932-65-9	1g/Bottle 10g/Bottle 100g/Bottle 400g/Bottle	Use to production of Protein A affinity chromatography filler; for the purification of monoclonal or polyclonal antibodies.	<ul style="list-style-type: none"> <li>No animal-derived components pollution.</li> <li>GMP standard environment</li> <li>Purity&gt; 90%</li> </ul>
Recombinant Alkali-tolerant Protein A (1M NaOH )	91932-65-9	1g/Bottle 10g/Bottle 100g/Bottle 400g/Bottle		<ul style="list-style-type: none"> <li>No animal-derived components pollution.</li> <li>GMP standard environment</li> <li>Two kinds of Purity&gt; 90% (P318) and&gt; 95% (P322)</li> </ul>
Recombinant Protein G	90698-81-0	1g/Bottle 10g/Bottle 100g/Bottle	Use to production of Protein G affinity chromatography filler; for the purification of monoclonal or polyclonal antibodies.	<ul style="list-style-type: none"> <li>GMP standard environment</li> <li>Purity≥95%</li> </ul>

## Used in cell culture and culture meat

CATEGORY	CAS	SPEC	APPLICATION	FEATURES
Recombinant Human Epidermal Growth Factor (EGF)	62253-63-8	10mg/Vial 100mg/Vial 1g/Vial	Dispensing Serum-free medium, Cell culture and Medical devices, etc.	<ul style="list-style-type: none"> <li>Expression in Recombinant yeast.</li> <li>Purity≥95%.</li> <li>Specific activity can achieve <math>0.5 \times 10^6 \text{U} \sim 2.0 \times 10^6 \text{U}</math></li> </ul>
Recombinant Human Basic Fibroblast Growth Factor (bFGF)	62031-54-3	1mg/Vial 10mg/Vial 100mg/Vial	Dispensing Serum-free medium, Cell culture and Trauma repair drugs production.	<ul style="list-style-type: none"> <li>Expression in Recombinant E. Coli.</li> <li>Purity≥95%.</li> <li>Specific activity can achieve <math>0.5 \times 10^7 \text{U} \sim 1.5 \times 10^7 \text{U}</math></li> </ul>
Recombinant Human Insulin-like Growth Factor (IGF-1)	67763-96-6	1mg/Vial 10mg/Vial 100mg/Vial	Dispensing Serum-free medium and Cell culture.	<ul style="list-style-type: none"> <li>Expression in recombinant yeast.</li> <li>Purity≥95%.</li> <li>Specific activity can achieve <math>0.1 \times 10^6 \text{U} \sim 1.0 \times 10^6 \text{U}</math></li> </ul>

## Genetic Engineering Enzyme Series

CATEGORY	CAS	SPEC	APPLICATION	FEATURES
<b>Recombinant Trypsin</b> (Pharmacopoeia Grade). (Cell culture Grade)	9002-07-7	1g/Vial 10g/Vial 100g/Vial	Vaccine production, Cell therapy, Cell culture; Protein analysis	<ul style="list-style-type: none"> <li>Expressed in Recombinant Yeast with advantages, No Animal Origin and no miscellaneous enzymes</li> <li>Specific activity <math>\geq 3800</math> USP units/mg pro.</li> <li>Instead of traditional animal extracted Trypsin, suitable for pharmaceutical field</li> </ul>
<b>Recombinant Trypsin</b> (1:250)	9002-07-7	100g/Vial	Vaccine production	<ul style="list-style-type: none"> <li>Expressed in Recombinant Yeast with advantages, No Animal Origin and no miscellaneous enzymes</li> <li>Used to replace animal extract 1:250 enzymes</li> </ul>
<b>Recombinant Lysyl Endopeptidase</b> (Biochemical Grade)	72561-05-8	10AU/Vial 100AU/Vial 1000AU/Vial	Biological medicine production (such as insulin, GLP-1 drugs)	<ul style="list-style-type: none"> <li>Patented technology products, can be used to detect the enzyme residues with commercial kits.</li> <li>Specific activity <math>\geq 2.5</math> AU/mg pro.</li> <li>Ultra purity, high catalytic efficiency, less dosage</li> </ul>
<b>Recombinant Lysyl Endopeptidase</b> (M.S. Grade)	72561-05-8	(20 $\mu$ g/Vial*5)/Box	Protein analysis	<ul style="list-style-type: none"> <li>Patented technology products, ultra purity.</li> </ul>
<b>Recombinant Carboxypeptidase B</b>	9025-24-5	10mg/Vial 100mg/Vial 1g/Vial	Biological medicine production, Quality testing of antibodies	<ul style="list-style-type: none"> <li>Expressed in Recombinant Yeast with advantages, No Animal Origin.</li> <li>Purity <math>\geq 95\%</math>, no miscellaneous enzymes.</li> <li>Specific Active <math>\geq 80</math> U/mg pro.</li> </ul>
<b>Recombinant Kex2 Protease</b>	99676-46-7	10mg/Vial 100mg/Vial 1g/Vial	Used in digestion of fusion protein and recombinant protein.	<ul style="list-style-type: none"> <li>Expressed in Recombinant Yeast with advantages, No Animal Origin and no miscellaneous enzymes.</li> <li>Specific activity <math>\geq 10</math> U/mg pro.</li> </ul>
<b>Recombinant Enterokinase</b>	9017-74-8	100U/Vial 1000U/Vial 10KU/Vial	Biological medicine production (such as insulin, GLP-1)	<ul style="list-style-type: none"> <li>Expressed in Recombinant Yeast with advantages, No Animal Origin and no miscellaneous enzymes.</li> <li>Activity <math>\geq 5.0</math> U/<math>\mu</math>l.</li> </ul>
<b>Penicillinase</b>	9001-74-5	1.5 $\times$ 10 <sup>7</sup> U/5Vials	Remove antibiotic residues, Sterility detection of $\beta$ -lactam antibiotics	<ul style="list-style-type: none"> <li>Expressed in Recombinant E. Coli.</li> <li>Purity <math>\geq 95\%</math>.</li> <li>Two types of sterile solution and lyophilized powder.</li> </ul>



## Bio-pharmaceutical Raw Material Series

CATEGORY	CAS	SPEC	APPLICATION	FEATURES
Insulin Degludec	844439-96-9	10g/Vial 100g/Vial 500g/Vial	Used in treat type II diabetes.	<ul style="list-style-type: none"> <li>● Ultra-long-acting insulin, duration of efficacy up to 42hs.</li> <li>● Biotechnological production, comply with the GMP standard</li> </ul>
Insulin Aspart	116094-23-6	10g/Vial 100g/Vial 500g/Vial	Used in treat type I and type II diabetes.	<ul style="list-style-type: none"> <li>● Fast acting insulin, starts to work in about 15 minutes after injection.</li> <li>● Biotechnological production, comply with the GMP standard</li> </ul>
Liraglutide	204656-20-2	10g/Vial 100g/Vial 500g/Vial	Used in treat II diabetes, weight-loss	<ul style="list-style-type: none"> <li>● Long-acting GLP-1 Analogues, ONCE per day.</li> <li>● Biotechnological production, comply with the GMP standard.</li> </ul>
Semaglutide	910463-68-2	10g/Vial 100g/Vial 500g/Vial	Used in treat II diabetes, weight-loss	<ul style="list-style-type: none"> <li>● Ultra-long-acting GLP-1 Analogues, can be made into oral preparation and injection. Oral preparation once per day, Injection once a week.</li> <li>● Biotechnological production, comply with the GMP standard.</li> </ul>

\*Notice: All products for research use only. Not for use in diagnostic procedures and can be customize according to your requests. The test results shall be based on the COA.