Trypelectase Recombinant Bovine Trypsin

A highly active and purified, non-animal-derived pancreatic enzyme for cell digestion and insulin cleavage

Product Introduction

Trypelectase, a recombinant bovine trypsin, has amino acid sequences identical to that of bovine pancreatic trypsin. It is manufactured by recombinant expression in Escherichia coli (E.coli). Based on its high activity and purity, Trypelectase is widely used in the preparation of third–generation insulin in China and overseas.

Product Advantages

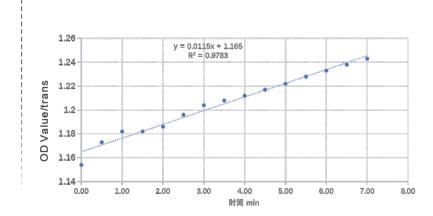
- Manufactured in a GMP Grade facility in compliance with pharmacopoeial standards
- High specificity in insulin cleavage
- Halal biologics
- Manufactured by recombinant expression, free of animal-derived materials
- High purity, free of enzyme impurities

Product Application

Protein cleavage in adherent cell digestion, insulin production, proteomics studies

Test Data

Enzyree-aetivity by TAME



The specific activity of enzyme by TAME is determined to be above 200 U/mg;

One unit of enzyme activity (U) is defined as an increase in absorbance at 253nm of 0.001 per minute under the assay conditions (TAME as substrate, 30°C, pH8.1, volume = 3.0 ml, light path = 1 cm).

Order Options

Cat. No.	Name	Size
CYG004F0001	Trypelectase Recombinant Bovine Trypsin	1g
CYG004F0010	Trypelectase Recombinant Bovine Trypsin	10g