Creative Enzymes®

Human Recombinant Lung βII Tryptase

Cat. No. EXTZ-181

Lot. No. (See product label)

Introduction

Description	Mast cells are found in many tissues, and involved in a variety of physiological and pathophysiological states. Human β-tryptase, an enzyme with trypsin-like activity in mast cells, is an important target for the treatment of inflammatory and allergy related diseases. Human Recombinant Lung βII Tryptase is a fully active tetrameric enzymes, cloned and stably expressed in Pichia pastoris. It is purified by affinity chromatography without heparin for chromatographic studies. Western analysis of the recombinant enzyme and native lung tryptase demonstrated the glycosylation of Recombinant Lung βII Tryptase more closely resembling cadaveric enzyme. The specific activity of Human Recombinant Lung βII Tryptase is >1,200 units/mg protein, about 130–150% higher than native lung tryptase.

Product Information

Species	Human
Form	Liquid
EC Number	EC 3.4.21.59
Activity	>1,200 units/mg protein
Unit Definition	Unit definition: One unit is defined as 1.0 absorbance unit change per minute.

Storage and Shipping Information

Storage	- 20°C