

Human Recombinant Lung β II 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 β II 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 β II Tryptase more closely resembling cadaveric enzyme. The specific activity of Human Recombinant Lung β II 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
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