

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