Creative Enzymes®

Recombinant Human N-acetylmuramoyl-L-alanine amidase

Cat. No. EXWM-4417

Lot. No. (See product label)

Introduction

Description	This enzyme belongs to the family of hydrolases, specifically those acting on carbon-nitrogen bonds other than peptide bonds in linear amides. This enzyme participates in peptidoglycan biosynthesis. Autolysins and some phage lysins are examples of N-acetylmuramoyl-L-alanine amidases.

Product Information

Species	Human
Source	E.coli
Form	Lyophilized powder
EC Number	EC 3.5.1.28
CAS No.	9013-25-6
Molecular Weight	76 kDa
Purity	90% as determined by SDS-PAGE.
Reaction	Hydrolyses the link between N-acetylmuramoyl residues and L-amino acid residues in certain cell-wall glycopeptides
Notes	This item requires custom production and lead time is between 5-9 weeks. We can custom produce according to your specifications.

Storage and Shipping Information

Storage	2 to 8 °C , one week from the date of receipt -20 to -80°C , twelve months from the date of receipt