

## 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