

prolyl aminopeptidase

Cat. No. EXWM-4026

Lot. No. (See product label)

Introduction

Description

A Mn²⁺-requiring enzyme present in the cytosol of mammalian and microbial cells. In contrast to the mammalian form, the bacterial form of the enzyme (type example of peptidase family S33) hydrolyses both polyproline and prolyl-2-naphthylamide. The mammalian enzyme, which is not specific for prolyl bonds, is possibly identical with EC 3.4.11.1, leucyl aminopeptidase.

Synonyms

proline aminopeptidase; Pro-X aminopeptidase; cytosol aminopeptidase V; proline iminopeptidase

Product Information

Form

Liquid or lyophilized powder

EC Number

EC 3.4.11.5

CAS No.

9025-40-5

Reaction

Release of N-terminal proline from a peptide

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

Store it at +4 °C for short term. For long term storage, store it at -20 °C~-80 °C.