

methionyl aminopeptidase

Cat. No. EXWM-4014

Lot. No. (See product label)

Introduction

Description

This membrane-bound enzyme, which is present in both prokaryotes and eukaryotes, releases the initiator methionine from nascent peptides. The activity is dependent on the identity of the second, third and fourth amino acid residues of the target protein, but in general the enzyme acts only when the penultimate residue is small and uncharged (e.g. Gly, Ala, Cys, Ser, Thr, and Val).

Synonyms

methionine aminopeptidase; peptidase M; L-methionine aminopeptidase; MAP

Product Information

Form

Liquid or lyophilized powder

EC Number

EC 3.4.11.18

CAS No.

61229-81-0

Reaction

Release of N-terminal amino acids, preferentially methionine, from peptides and arylamides

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.