Creative Enzymes®

# methionyl aminopeptidase

*Cat. No. EXWM-4014*

*Lot. No.* (See product label)

## Introduction

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|---|---|
| ***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

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|---|---|
| ***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

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| ***Storage*** | Store it at +4 ℃ for short term. For long term storage, store it at -20 ℃~-80 ℃. |