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Recombinant e.coli Methionine Aminopeptidase/METAP protein

Catalog Number: ATGP1025

PRODUCT INFORMATION

Expression system

E.coli

Domain

1-264aa

UniProt No.

POAE18

NCBI Accession No.

NP 414710

Alternative Names

Methionine aminopeptidase., ECK0166, JW0163, pepM

PRODUCT SPECIFICATION

Molecular Weight

31.5 kDa (284aa) confirmed by MALDI-TOF

Concentration

1mg/ml (determined by Bradford assay)

Formulation

Liquid in. 20mM Tris-HCl buffer (pH 8.0) containing 10% glycerol, 2mM DTT

Purity

> 90% by SDS-PAGE

Tag

His-Tag

Application

SDS-PAGE

Storage Condition

Can be stored at +2C to +8C for 1 week. For long term storage, aliquot and store at -20C to -80C. Avoid repeated freezing and thawing cycles.

BACKGROUND

Description

Methionine aminopeptidases, also designated peptidase M proteins, are members of the M24 family of proteins. This protein removes the amino-terminal methionine residue from nascent polypeptides. The active site of map contains two adjacent divalent metal ions connected by a water molecule or hydroxide ion. Recombinant E. coli map protein, fused to His-tag at N-terminus, was expressed in E. coli and purified by using conventional chromatography techniques.



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Amino acid Sequence

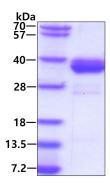
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General References

Bernier SG., et al. (2005) J Cell Biochem. 95(6):1191-203.

DATA

SDS-PAGE



3ug by SDS-PAGE under reducing condition and visualized by coomassie blue stain.

