

Recombinant E.coli Map, His-tagged

Cat. No. map-979E **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant E.colimap protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques (1-264aa).
Species	E.coli
Source	E.coli
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.
Form	Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 10% glycerol, 2mM DTT.
Molecular Weight	31.5 kDa (284aa) confirmed by MALDI-TOF
Purity	> 90% by SDS - PAGE
Concentration	1 mg/ml (determined by Bradford assay)
Sequences of amino acids	MGSSHHHHHH SSGLVPRGSH MAISIKTPED IEKMRVAGRL AAEVLEMIEP YVKPGVSTGE LDRICNDYIV NEQHAVSACL GYHGYPKSVC ISINEVVCHG IPDDAKLLKD GDIVNIDVTI IKDGFHGDTS KMFIVGKPTI MGERLCRITQ ESLYLALRMV KPGINLREIG AAIQKFVEAE GFSVVREYCG HGIGRGFHEE PQVLHYDSRE TNVVLKPGMT FTIEPMVNAG KKEIRTMKDG WTVKTKDRSL

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

SAQYEHTIVV TDNGCEILTL RKDDTIPAI SHDE

Storage

Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.

GENE INFORMATION

Gene Name

map methionine aminopeptidase [*Escherichia coli* str. K-12 substr. MG1655]

Synonyms

map; ECK0166; JW0163; pepM; methionine aminopeptidase; NP_414710.1; EC 3.4.11.18

Gene ID

947882

Protein Refseq

NP_414710

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA