

Recombinant strain K12 map

Protein Product Manual

1. Product Basic Information

Product No.: REP07408

Protein Name: Methionine Aminopeptidase (Map) (Metap) (Ec 3.4.11.18) (Peptidase M) Map B0168 Jw0163 (map)

Aliases: Methionine aminopeptidase (MAP) (MetAP) (EC 3.4.11.18) (Peptidase M) map b0168 JW0163

UniProt ID: P0AE18

UniProt Link: <https://www.uniprot.org/uniprotkb/P0AE18/entry>

Species Source: Escherichia coli (strain K12)

Expression System: E.coli

Protein Length: Full Length of Mature Protein (2-264aa)

Molecular Weight: 45.2kDa

Protein Tag: N-terminal 6xHis-SUMO-tagged

2. Amino Acid Sequence (2-264aa)

AISIKTPEDIEKMRVAGRLAAEVLEMIPEYVKPGVSTGELDRICNDYIVNEQHAVSAC
LGYHGYPKSVCISINEVVCHGIPDDAKLLKDGDIVNIDVTVIKDGFGHGDTSKMFIVGK
PTIMGERLCRITQESLYLALRMVKGPGINLREIGAAIQKFVEAEGFSVVREYCGHGIGR
GFHEEPQVLHYDSRETNVVLKPGMTFTIEPMVNAGKKEIRTMKDGWTVKTKDRSLS
AQYEHTIVVTDNGCEILTLRKDDTIPAIISHDE

3. Storage Buffer

Liquid Delivery Form: Tris/PBS-based buffer with 5%-50% glycerol. Custom glycerol content is available upon customer request (please specify requirements when placing orders).

Lyophilized Powder Delivery Form: Pre-lyophilization buffer is Tris/PBS-based buffer containing 6% Trehalose.

4. Storage Conditions



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Upon receipt, store the product at -20°C or -80°C. It is recommended to aliquot the protein for multiple uses to avoid repeated freeze-thaw cycles, which may cause protein denaturation and activity loss.

5. Product Description

This product is a recombinant strain K12 map full length of mature protein protein (2-264aa) expressed in E.coli. The protein is with 6xHis-SUMO tag at the N-terminus, which facilitates protein purification, detection and identification. map, also known as Methionine aminopeptidase (MAP) (MetAP) (EC 3.4.11.18) (Peptidase M) map b0168 JW0163, is suitable for related in vitro functional assays, protein interaction studies, antibody preparation and other biomedical research applications.

6. Notes

- Repeated freezing and thawing of the product is strictly prohibited to ensure protein stability and biological activity.
- For special buffer component requirements, please submit a note when purchasing.
- This product is only for scientific research use, not for clinical diagnosis, treatment or commercial production purposes.