

Methionine Aminopeptidase E.Coli Recombinant

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| Item Number | rAP-1461 |
| Synonyms | Methionine aminopeptidase, MAP, Peptidase M, map, b0168, JW0163. |
| Description | MAP produced in E.Coli is a single, non-glycosylated polypeptide chain containing 284 amino acids (1-264 a.a.) and having a molecular mass of 31.5kDa. MAP is fused to a 20 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques. |
| Uniprot Accesion Number | P0AE18 |
| Amino Acid Sequence | MGSSHHHHHH SSGLVPRGSH MAISIKTPED IEKMRVAGRL AAEVLEMIEP YVKPGVSTGE LDRICNDY- IV NEQHAVSACL GYHGYPKSVC ISINEVVCHG IPDDAKLLKD GDIVNIDVTV IKDGFHGDTs KMFIVGKPTI MGERLCRITQ ESLYLALRMV KPGINLREIG AAIQKFVEAE GFSVVREYCG HGIGRGFHEE PQVLHYDSRE TNVVLKPGMT FTIEPMVNAG KKEIRTMKDG WTVKTKDRSL SAQYEHTIVV TDNGCEILTL RKDDTIPAI SHDE. |
| Source | Escherichia Coli. |
| Physical Appearance and Stability | Sterile Filtered clear solution. Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles. |
| Formulation and Purity | MAP protein solution (1mg/ml) 20mM Tris-HCl buffer (pH 8.0), 10% glycerol and 2mM DTT. Greater than 90% as determined by SDS-PAGE. |
| Application | |
| Solubility | |
| Biological Activity | |
| Shipping Format and Condition | Lyophilized powder at room temperature. |

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**