

32-2520: MAP Recombinant Protein

Alternative Name : Methionine aminopeptidase,MAP,Peptidase M,map,b0168,JW0163.

Description

Source : Escherichia Coli. 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. Methionine aminopeptidases and designated peptidase M proteins belong to the M24 family of proteins. MAP protein removes the amino-terminal methionine residue from nascent polypeptides. The active site of MAP contains 2 adjacent divalent metal ions connected by a water molecule or hydroxide ion.

Product Info

Amount :	20 µg
Purification :	Greater than 90% as determined by SDS-PAGE.
Content :	MAP protein solution (1mg/ml) 20mM Tris-HCl buffer (pH 8.0), 10% glycerol and 2mM DTT.
Storage condition :	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.
Amino Acid :	MGSSHHHHHH SSGLVPRGSH MAISIKTPED IEKMRVAGRL AAEVLEMI EP YVKPGVSTGE LDRICNDYIV NEQHAVSACL GYHGYPK SVC ISINEVVCHG IPDDAKLLKD GDIVNIDVTV IKDGFHGDTS KMFIVGKPTI MGERLCRITQ ESLYLALRMV KPGINLREIG AAIQKFVEAE GFSVVREYCG HGIGRGFHEE PQVLHYDSRE TNVVLKPGMT FTIEPMVNAG KKEIRTMKDG WTVKTKDRSL SAQYEHTIVV TDNGCEILTL RKDDTIPAIL SHDE.