

32-2533: METAP1 Recombinant Protein

Alternative Name : Methionine aminopeptidase 1,MAP 1,MetAP 1,Peptidase M 1,METAP1,KIAA0094,MAP1A,MetAP1A.

Description

Source : Escherichia Coli. METAP1 Human Recombinant produced in E.coli is a single, non-glycosylated polypeptide chain containing 409 amino acids (1-386) and having a molecular mass of 45.7kDa.METAP1 is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques. Methionine aminopeptidase 1 (METAP1) is a member of the peptidase M24A family. METAP1 removes the amino-terminal methionine from nascent proteins. METAP1 releases N-terminal amino acids, preferentially methionine, from peptides and arylamides. METAP1 is essential for normal progression through the cell cycle. The active site of METAP1 contains 2 adjacent divalent metal ions linked by a water molecule or hydroxide ion.

Product Info

Amount :	20 µg
Purification :	Greater than 90.0% as determined by SDS-PAGE.
Content :	The METAP1 solution (1mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 3mM DTT, 40% glycerol, 200mM NaCl and 0.1mM PMSF.
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 MGSMAAVETR VCETDGCSS E AKLQCPTCIK LGIQGSYFCS QECFKGSWAT HKLLHKKAKD EKAKREVSSW TVEGDINTDP WAGYRYTGKL RPHYPLMPTR PVPSYIQRPD YADHPLGMSE SEQALKGTSQ IKLLSSEDIE GMRLVCRLAR EVLDVAAGMIKPGVTTEEID HAVHLACIAR NCYPSPLNYY NFPKSCCTSV NEVICHGIPD RRPLQEGDIV NVDITLYRNG YHGDNETFF VGEVDDGARK LVQTTYECLM QAIDAVKPGV RYRELGNIIQ KHAQANGFSV VRSYCGHGIH KLFHTAPNVP HYAKNKAVGV MKSGHVFTIE PMICEGGWQDETWPDGWTAV TRDGKRSAQF EHTLLVTDTG CEILTRRLDS ARPHFMSQF.

