

Methionyl Aminopeptidase 1 Human Recombinant

Item Number	rAP-1468
Synonyms	Methionine aminopeptidase 1, MAP 1, MetAP 1, Peptidase M 1, METAP1, KIAA0094, MAP1A, MetAP1A.
Description	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.
Uniprot Accession Number	P53582
Amino Acid Sequence	MGSSHHHHHH SSSLVPRGSH MGSMAAVETR VCETDGCSS E AKLQCPTCIK LGIQGSYFCS QECFKG-SWAT HKLLHKKAKD EKAKREVSSW TVEGDINTDP WAGYRYTGKL RPHYPLMPTR PVPSYIQRPD YADHPLGMSE SEQALKGTSQ IKLLSSEDIE GMRLVCRLAR EVLDVAAGMIKPGVTTEEID HAVHLACIAR NCYPSPLNYY NFPKSCCTSV NEVICHGIPD RRPLQEGDIV NVDITLYRNG YHGDLNETFF VGEVDD-GARK LVQTTYECLM QAIDAVKPGV RYRELGNIIQ KHAQANGFSV VRSYCGHGIH KLFHTAPNVP HYAK-NKAVGV MKSGHVFTIE PMICEGGWQDETWPDGWTAV TRDGKRSAQF EHTLLVTDTG CEILTRRLDS ARPHFMSQF.
Source	Escherichia Coli.
Physical Appearance and Stability	Sterile filtered colorless 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	The METAP1 solution (1mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 3mM DTT, 40% glycerol, 200mM NaCl and 0.1mM PMSF. Greater than 90.0% 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**