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**Product Data Sheet**


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Product Name: METAP1D Human

Cat. No.: GP21916

Batch No.: 1

**Product Data**

Purity	>98%	Source	Escherichia Coli.
Physical Appearance	solid	Shipping Condition	Shipped with Ice Packs.
Synonyms	MAP1D; Metap1l; Methionine aminopeptidase 1D; mitochondrial; MAP 1D; MetAP 1D; Methionyl aminopeptidase type 1D; mitochondrial; Peptidase M 1D; METAP1D.		
Amino Acid Sequence	MGSSHHHHHH SGLVPRGSH MGSSSPLNHI YLHKQSSSQQ RRNFFFRRQR DISHSIVLPA AVSSAHPVPK HIKKPDYVTT GIVPDWGDSI EVKNEDQIQG LHQACQLARH VLLLAGKSLK VDMTTEEIDA LVHREIISHN AYPSPGLGYGG FPKSVCTSVN NVLCHGIPDS RPLQDGDIIIN IDVTVYYNGY HGDTSETFLV GNVDECGKKL VEVARRCRDE AIAACRAGAP FSVIGNTISH ITHQNGFQVC PHFVGHGIGS YFHGHPEIWH HANDSDLPME EGMAFTIEPI ITEGSPEFKV LEDAWTVVSL DNQRSQAQFEH TVLITSRGAQ ILTKLPHEA.		
Formulation	The METAP1D solution (0.25mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 0.1M NaCl, 20% glycerol and 1mM DTT.		

**Introduction**

Methionyl Aminopeptidase 1D (METAP1D) is a part of the peptidase M24A family. METAP1D which is overexpressed in colon cancer cell lines participates in tumorigenesis. METAP1D eliminates methionine from the N-terminus of nascent proteins.

**Stability**

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.

**Background**

METAP1D Human Recombinant produced in E.coli is a single, non-glycosylated polypeptide chain containing 339 amino acids (20-335a.a) and having a molecular mass

**Caution: Product has not been fully validated for medical applications. For research use only.**

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of 37.4kDa. METAP1D is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.

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