

Recombinant Human METAP1D, His-tagged

Cat. No. METAP1D-139H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human Methionine Aminopeptidase 1D Mitochondrial/METAP1D is produced with our E. coli expression system. The target protein is expressed with sequence (Arg44-Ala335) of Human METAP1D fused with a 6His tag at both the N-terminus and C-terminus.
Species	Human
Source	E.coli
ProteinLength	44-335 a.a.
Description	Methionine Aminopeptidase 1D (METAP1D) is a mitochondrion protein that belongs to the peptidase M24A family. METAP1D is overexpressed at the protein level in colon cancer cell lines and colon tumors as compared to normal tissues. N-terminal methionine removal is an important cellular process required for proper biological activity, subcellular localization, and eventual degradation of many proteins. METAP1D is also active with zinc, manganese or divalent ions. It may also play an important role in colon tumorigenesis.
Form	Supplied as a 0.2 µM filtered solution of 50mM Tris, 100mM NaCl, pH 8.0
AA Sequence	MGSSHHHHHSSGLVPRGSHMRQRDISHSIVLPAAVSSAHPVPKHIKKPDYVTTGIV PDWGDSIE VKNEDQIQGLHQACQLARHVLLLAGKSLKVDMTTEEIDALVHREIISHN AYPSPLGYGGFPKSVC TSVNNVLCHGIPDSRPLQDGDIIINIDVTVYYNGYHGDTSET FLVGNVDECGKKLVEVARRCRDEA IAACRAGAPFSVIGNTISHITHQNGFQVCPHFV

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

GHGIGSYFHGHPEIWHHANDSDLPMEEGMAFT IEPIITEGSPEFKVLEDAWTVVSLD
NQRSAQFEHTVLITSRGAQILTKLPHEALEHHHHHHH

Endotoxin Less than 0.1 ng/μg (1 IEU/μg).

Purity Greater than 95% as determined by SEC-HPLC and reducing SDS-PAGE.

Storage Store at Please minimize freeze-thaw cycles.

GENE INFORMATION

Gene Name METAP1D methionyl aminopeptidase type 1D (mitochondrial) [Homo sapiens]

Official Symbol METAP1D

Synonyms METAP1D; methionyl aminopeptidase type 1D (mitochondrial); methionine aminopeptidase 1D, mitochondrial; MAP1D; Metap1l; methionine aminopeptidase 1D; CDS of metAP-3 within PCR fragment; methionyl aminopeptidase type 1D, mitochondrial;

Gene ID 254042

mRNA Refseq NM_199227

Protein Refseq NP_954697

MIM 610267

UniProt ID Q6UB28

Chromosome 2q31.1

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Location**Function**

aminopeptidase activity; metal ion binding; metalloexopeptidase activity; peptidase activity;

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA