

AR51287PU-S
Human Methionine aminopeptidase 1D / MAP1D (20-335, His-tag) - Purified

Quantity:	50 µg
Concentration:	0.25mg/ml (determined by Bradford assay)
Background:	Methionine aminopeptidase 1D, mitochondrial precursor, also known as METAP1D, is a 335 amino acid mitochondrial protein that belongs to the peptidase M24A family. It is overexpressed in colon cancer cell lines, suggesting a role in tumorigenesis. METAP1D has also been found to remove methionine from the N-terminus of nascent proteins. METAP1D binds two cobalt ions per subunit and is encoded by a gene that maps to human chromosome 2q31.1.
Uniprot ID:	Q6UB28
NCBI:	NP_954697
GenelD:	254042
Species:	Human
Source:	E. coli
Format:	State: Liquid purified protein Purity: >85% by SDS - PAGE Buffer System: 20 mM Tris-HCl buffer (pH 8.0) containing 0.1M NaCl, 20% glycerol, 1mM DTT
Description:	Recombinant human METAP1D protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques. AA Sequence: MGSSHHHHHH SSGLVPRGSH MGSSSPLNHI YLHKQSSSQ RRNFFERRQR DISHSIVLPA AVSSAHPVPK HIKKPDYVTT GIVPDWGDSI EVKNEDQIQG LHQACQLARH VLLLAGKSLK VDMTTEEIDA LVHREIISHN AYPSPGYYGG FPKSVCTSVN NVLCHGIPDS RPLQDGDIIIN IDVTYYNGY HGDTSFTFLV GNVDECCKKL VEVARRCRDE AIAACRAGAP FSVIGNTISH ITHQNGFQVC PHFVGHGIGS YFHGHPEIWH HANDSDLPME EGMAFTIEPI ITEGSPEFKV LEDAWTVVSL DNQRSAQFEH TVLITSRGAQ ILTKLPHEA Molecular weight: 37.4 kDa (339aa) confirmed by MALDI-TOF
Storage:	Store undiluted at 2-8°C for one week or (in aliquots) at -20°C to -80°C for longer. Avoid repeated freezing and thawing. Shelf life: one year from despatch.
General Readings:	Leszczyniecka M., et al. (2006) Oncogene. 25: 3471-3478. Serero A., et al. (2003) J Biol Chem. 278: 52953-52963.

Pictures:

