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METAP1D, 20-335aa, Human, His tag, E.coli

产品货号: TP02954

第三版

别名: Methionine aminopeptidase 1D, mitochondrial precursor, MAP1D, Metap1l

描述: 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. Recombinant human METAP1D protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.

配方: Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 0.1M NaCl, 20% glycerol, 1mM DTT

分子量: 37.4 kDa (339aa) confirmed by MALDI-TOF

序列:

MGSSHHHHHSSGLVPRGSHMGSSSPLNHIYLHKQSSSQRRNFFRRQRDISHSIVLPAAVSSAHPVPKHIKKPDYVTTGI
VPDWGDSIEVKNEQIQGLHQACQLARHVLLLAGKSLKVDMTTEEIDALVHREIISHNAYPSPLGYGGFPKSVCTSVNNV
LCHGIPDSRPLQDGDIIINIDVTVYYNGYHGDTSETFLVGNVDECGKKLVEVARRCRDEAIAACRAGAPFSVIGNTISHITH
QNGFQVCPHFVGHGIGSYFHGHPEIWHHANDSDLPMEEGMAFTIEPIITEGSPEFKVLEDAWTVVSLDNQRSQAQFEHTV
LITSRGAQILTKLPHEA

纯度: > 95% by HPLC

浓度: 0.25mg/ml (determined by Bradford assay)

内毒素: <1.0 EU per 1 ug of protein (determined by LAL method)

存储: +4 ° C 保存 (1-2 周). 长期保存在 -20 ° C 或者 -70 ° C. 避免反复冻融.