

32-8122: Recombinant Human Methionine Aminopeptidase 1D/MetAP1D/MAP1D (N, C-6His)

Gene : METAP1D

Gene ID : 254042

Uniprot ID : Q6UB28

Description

Source: E.coli.

MW :35.4kD.

Recombinant Human MetAP1D is produced by our E.coli expression system and the target gene encoding Arg44-Ala335 is expressed with a 6His tag at the N-terminus, 6His tag at the C-terminus. 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.

Product Info

Amount : 10 µg / 50 µg

Content : Supplied as a 0.2 µm filtered solution of 50mM Tris, 100mM NaCl, pH 8.0.

Storage condition : Store at -20°C, stable for 6 months after receipt. Please minimize freeze-thaw cycles.

Amino Acid : MGSSHHHHHSSGLVPRGSHMRQRDISHSIVLPAAVSSAHPVPKHKKPDYVTTGIVPDWGDSEVKNEDQIQ
GLHQACQLARHVLLLAGKSLKVDMTTEEIDALVHREIISHNAYPSPLGYGGFPKSVCTSVNNVLCGIPDSRPLQ
DGDIIINIDVTVYYNGYHGDTSETFLVGNVDECGKLVARRCRDEAIAACRAGAPFSVIGNTISHITHQNGFQV
CPHFVGHGIGSYFHGHPEIWHHANDSDLPMEEGMAFTIEPIITEGSPEFKVLEDAWTVVSLDNQRSAQFEHTVL
ITSRGAQILTKLPHEALEHHHHHHH

Application Note

Endotoxin : Less than 0.1 ng/µg (1 IEU/µg) as determined by LAL test.