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METAP1, 1-386aa, Human, His tag, E.coli

产品货号: TP02953

第三版

别名: Methionyl aminopeptidase 1, MAP1A, MetAP1A.

描述: METAP1 (Methionine aminopeptidase 1) belongs to the peptidase M24A family. This protein removes the amino-terminal methionine from nascent proteins. It required for normal progression through the cell cycle. The active site of MetAP-1 contains two adjacent divalent metal ions connected by a water molecule or hydroxide ion. Recombinant human METAP1 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 3mM DTT, 40% glycerol, 200mM NaCl, 0.1mM PMSF

分子量: 45.7kDa (409aa), confirmed by MALDI-TOF

序列:

MGSSHHHHHHSSGLVPRGSHMGSMMAAVETRVCE TDGCSSEAKLQCPTCIKLG IQGSYFCSQECFKGSWATHKLLHKKA
KDEKAKREVSSWTVEGDINTDPWAGYRYTGKLRPHYPLMPTRPVPSYIQRPDYADHPLGMSESEQALKGTSQIKLLSSEDI
EGMRLVCRLAREVLDVAAGMIKPGVTTEEIDHAVHLACIARNCYPSPLNYNFPKSCCTSVNEVICHGIPDRRPLQEGDIV
NVDITLYRNGYHGDLNETFFVGEVDDGARKLVQTTYECLMQAIDAVKPGVRYRELGNIIQKHAQANGFSVVRSYCGHG
IHKLFHTAPNVPHYAKNKAVGVMKSGHVFTIEPMICEGGWQDET WPDGWTAVTRDGKRSAQFEHTLLVTD TGCEILTR
RLDSARPHFMSQF

纯度: > 95% by HPLC

浓度: 1mg/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.