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map, 1-264aa, E.coli, His tag, E.coli

产品货号: TP02893

第三版

别名: Methionine aminopeptidase, ECK0166, JW0163, pepM.

描述: Methionine aminopeptidases, also designated peptidase M proteins, are members of the M24 family of proteins. This protein removes the amino-terminal methionine residue from nascent polypeptides. The active site of map contains two adjacent divalent metal ions connected by a water molecule or hydroxide ion. Recombinant E.coli map 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 10% glycerol, 2mM DTT.

分子量: 31.5 kDa (284aa) confirmed by MALDI-TOF

序列:

MGSSHHHHHHSSGLVPRGSHMAISIKTPEDIEKMRVAGRLAAEVLEMIPEYVKPGVSTGELDRICNDYIVNEQHAVSACL
GYHGYPKSVCSINEVVCHGIPDDAKLLKGDIVNIDVTVIKDFHGDTSKMFIVGKPTIMGERLCRITQESLYLALRMVK
PGINLREIGAAIQKFVEAEGFSVVREYCGHGIGRGFHEEPQVLHYDSRETNVVLKPGMTFTIEPMVNAGKKEIRTMKDGW
TVKTKDRSLSAQYEHTIVVTDNGCEILTLRKDDTIPAIISHDE

纯度: > 95% by HPLC

浓度: 1 mg/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.