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MDP1, 1-176aa, Human, His tag, E.coli

产品货号: TP02936

第三版

别名: Magnesium-dependent phosphatase 1, MDP-1

描述: MDP1 (Magnesium-dependent phosphatase 1) belongs to the HAD-like hydrolase superfamily. This protein is a magnesium-dependent phosphatase which may act as a tyrosine phosphatase. It is inhibited by vanadate and zinc, and slightly by calcium. Recombinant human MDP1 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.

配方: Liquid. 20mM Tris-HCl buffer (pH8.0) containing 10% glycerol, 2mM DTT, 100mM NaCl

分子量: 22.7kDa (200aa), confirmed by MALDI-TOF

序列:

MGSSHHHHHHSSGLVPRGSHMGSHMARLPKLA VFDLDYTLWPFWVDTHVDPPFHKSSDGTVRDRRGQDVRLYPEVPE  
VLKRLQSLGVPGAAASRTSEIEGANLLELFDLFRYFVHREIYPGSKITHFERLQQKTGIPFSQMIFDDERRNIVDVSKLGVT  
CIHIQNGMNLQTL SQLETFKAQAQTGPLRSSLEESPFEA

纯度: > 95% by HPLC

浓度: 0.5 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.