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TPK1, 1-243aa, Human, His tag, E.coli

产品货号: TP04283

第三版

别名:Thiamin pyrophosphokinase 1, HTPK1, PP20

描述:TPK1, also known as thiamin pyrophosphokinase 1, catalyzes the phosphorylation of thiamine to thiamine pyrophosphate. This protein can also catalyze the phosphorylation of pyrithiamine to pyrithiamine pyrophosphate. Recombinant human TPK1 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography.

配方:Liquid. 20mM Tris-HCl buffer (pH8.0) containing 20% glycerol, 1mM DTT

分子量:29.8 kDa (267aa) confirmed by MALDI-TOF

序列:

MGSSHHHHHHSSGLVPRGSHMGSHMEHAFTPLELLSTGNLKYCLVILNQPLDNYFRHLWINKALLRACADGGANRLYD  
ITEGERESFLPEFINGDFDSIRPEVREYYATKGCELISTPDQDHTDFTKCLKMLQKKIEEKDLKVDVIVTLGGLAGRFDQIMA  
SVNTLFQATHITPFPIIIIQEESLIYLLQPGKHRLHVDTGMEGDWCGLIPVGQPCMQVTTTGLKWNLTNDVLAFGTLVSTS  
NTYDGSVVTVETDHPLLWTMAIKS

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.