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PRPS2,1-321aa, Human, His tag, E.coli

产品货号: TP03545

第三版

别名:Ribose-phosphate pyrophosphokinase 2 isoform 1 , PRSII

描述:PRPS2 also known as ribose-phosphate pyrophosphokinase 2 isoform 1. The Protein belongs to the ribose-phosphate pyrophosphokinase family. The Protein catalyzes the synthesis of 5-phosphoribosyl 1-pyrophosphate from ATP and D-ribose 5-phosphate. Alternate splicing results in multiple transcript variants. Recombinant human PRPS2, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.

配方:Liquid. In Phosphate buffered saline (pH7.4) containing 10% glycerol, 1mM DTT

分子量:37.4kDa (344aa) confirmed by MALDI-TOF

序列:

MGSSHHHHHHSSGLVPRGSHMGSMNPNI VLFSGSSHQDLSQRVADRLGLELGKVVTKKFSNQETSVEIGESVRGEDVYIIQS
GCGEINDNLMELLIMINACKIASSSRVTAVIPCFPYARQDKKDKVGESRAPISAKLVANMLSVAGADHIITMDLHASQIQGF
FDIPVDNLYAEPV LQWIRE NIAEWKNCIIVSPDAGGAKRVTSIADRLNVEFALIHKERKKANEVDRMVLVGDVKDRVAI
LVDDMADTCGTICHAADKLLSAGATKVYAILTHGIFSGPAISRINNAAFEAVVVTNTIPQEDKMKHCTKI QVIDISMILAE
AIRRTHNGESVSYLFSHVPL

纯度:> 95% by HPLC

浓度:1mg/ml (determined by Absorbance at 280nm)

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.