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PPA2, 33-334aa, Human, His tag, E.coli

产品货号: TP03480

第三版

**别名:**Inorganic pyrophosphatase 2, mitochondrial isoform 1, Pyrophosphatase (inorganic) 2, HSPC124, SID6-306

**描述:**PPA2 is localized to the mitochondrion, is highly similar to members of the inorganic pyrophosphatase (PPase) family, and contains the signature sequence essential for the catalytic activity of PPase. PPases catalyze the hydrolysis of pyrophosphate to inorganic phosphate, which is important for the phosphate metabolism of cells. Alternate transcriptional splice variants, encoding different isoforms, have been characterized. Recombinant human PPA2 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 0.15M NaCl, 10% glycerol, 1mM DTT

**分子量:**37.1 kDa (325aa) confirmed by MALDI-TOF

**序列:**

MGSSHHHHHSSGLVPRGSHMGSALYHTEERGQPCSQNYRLFFKNVTGHYISPFHDIPLKVNSKEENGIPMKKARND EY  
ENLFNMIVEIPRWTKNAKMEIATKEPMNPIKQYVKDGKLRVANIFPYKGYIWNYGTLPGTWEDPHEKDKSTNCFGDNDP  
IDVCEIGSKILSCGEVIHVKILGILALIDEGETDWKLIANANDPEASKFHDIDDVKKFKPGYLEATLNWFRLYKVPDGKPE N  
QFAFNGEFKNKAFALVIKSTHQCWKALLMKKCNCGAINCTNVQISDSPFRCTQEEARSLVESVSSSPNKESNEEEQVWH  
FLGK

**纯度:**> 95% by HPLC

**浓度:**1.0 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.