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PNPT1, 46-783aa, Human, His tag, E.coli

产品货号: TP03449

第三版

别名: Polyribonucleotide nucleotidyltransferase 1, COXPD13, DFNB70, old-35, OLD35, PNPASE

**描述:** PNPT1 also known as polyribonucleotide nucleotidyltransferase 1. This enzyme is predominantly localized in the mitochondrial intermembrane space and is involved in import of RNA to mitochondria. Mutations in this gene have been associated with combined oxidative phosphorylation deficiency-13 and autosomal recessive nonsyndromic deafness-70. Related pseudogenes are found on chromosomes 3 and 7. Recombinant human PNPT1 protein, 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:** 83.3kDa (761aa)

**序列:**

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MGSSHHHHHSSGLVPRGSHMGSAVAVDLGNRKLEISSGKLARFADGSAVVQSGDTAVMVTAVSKTKPSPSQFMPLVV  
DYRQKAAAAGRIPTNYLRREIGTSDKEILTSRIIDRSIRPLFPAGYFYDTQVLCNLLAVDGVNEPDVLAINGASVALSLSDIPW  
NGPVGAVRIGIIDGEYVVPNTRKEMSSTLNLLVAGAPKSQIVMLEASAENILQQDFCHAIKVGKVTQIIQGIQQLVKE  
TGVTKRTPQKLFTPSPEIVKYTHKLAMERLYAVFTDYEHDKVSREAVNKIRLDTEEQLKEKFEADPYEIIESFNVAKEV  
FRSIVLNEYKRCDGRDLTSLRNVSCVDMFKTLHGSALFQRGQTQVLCTVTFDSLESGIKSDQVITAINGIKDNFMLHYEF  
PPYATNEIGKV TGLNRRELGHGALAEKALYPVPRDFPFTIRVTSEVLESNGSSMASACGGSLALMDSGVPISAVAGVAIG  
LVTKTDPEKGEIEDYRLLTDILGIEDYNGDMDFKIAGTNKGITALQADIKLPGIPIKIVMEAIQQASVAKKEILQIMNKTISKP  
RASRKENGPPVETVQVPLSKRAKFGVPGGYNLKQLAETGVTISQVDEETFSVFAPTPSAMHEARDFITEICKDDQEQQLE  
FGAVYTATITEIRDGTGVMVKLYPNMTAVLLHNTQLDQRKIKHPTALGLEVGQEIQVKYFGRDPADGRMRLSRKVLQSPA  
TTVVRTLNDRSSIVMGEPISQSSNSQ
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**纯度:** > 95% by HPLC

**浓度:** 0.25 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.