

RPPB2147

Product Information Protein Information

Product SKU:

RPPB2147

Accession:

Q8TCS8

Host:

Escherichia Coli.

Protein description:

PNPT1 Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 761 amino acids (46-783 a.a) and having a molecular mass of 83.3kDa. PNPT1 is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.

Appearance:

Sterile filtered colorless solution.

Synonyms:

Polyribonucleotide Nucleotidyltransferase 1, Polynucleotide Phosphorylase-Like Protein, Polynucleotide Phosphorylase 1, 3-5 RNA Exonuclease OLD35, PNPase Old-35, EC 2.7.7.8, PNPase 1, COXPD13, DFNB70, PNPASE, OLD35, Polyribonucleotide Nucleotidyltransferase 1, Mitochondrial, Deafness, Autosomal Recessive 70, Polynucleotide Phosphorylase, 3-5 RNA Exonuclease, EC 2.7.7, Old-35, Polyribonucleotide nucleotidyltransferase 1, mitochondrial, 3'-5' RNA exonuclease OLD35, PNPase old-35.

Formulation:

PNPT1 protein solution (0.25mg/ml) containing Phosphate buffered saline (pH7.4), 10% glycerol and 1mM DTT.

Purity:

Greater than 85.0% as determined by SDS-PAGE.

Stability:

Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

Amino Acid Sequence:

MGSSHHHHHH SSSLVPRGSH MGSAAVAVDLG NRKLEISSGK LARFADGSAV VQSGDTAVMV TAVSKTKPSP
SQFMPLVVDY RQKAAAAGRI PTNYLRREIG TSDKEILTSR IIDRSIRPLF PAGYFYDTQV LCNLLAVDGV
NEPDVLAING ASVALSLSDI PWNGPVGAVR IGIIDGEYVV NPTRKEMSS TLNLVVAGAP KSQIVMLEAS
AENILQQDFC HAIKVGVKYT QQIIQGIQQL VKETGVTKRT PQLFTPSPE IVKYTHKLAM ERLYAVFTDY
EHDKVSDEA VNKIRLDTEE QLKEKFPEAD PYEIIESFNV VAKEVFRSIV LNEYKRCDDR DLTSLRNVSC
EVDMFKTLHG SALFQRGQTQ VLCTVTFDSL ESGIKSDQVI TAINGIKDKN FMLHYEPPY ATNEIGKVTG
LNRRELGHGA LAEKALYPVI PRDFPFTIRV TSEVLESNGS SSMASACGGS LALMDSGVPI SSVAVAGVAIG
LVTKTDPKLG EIEDYRLLTD ILGIEDYNGD MDFKIAGTNK GITALQADIK LPGIPIKIVM EAIQQASVAK
KEILQIMNKT ISKPRASRKE NGPVVETVQV PLSKRAKRVG PGGYNLKKLQ AETGVTISQV DEETFVDFAP
TPSAMHEARD FITEICKDDQ EQQLEFGAVY TATITEIRDT GVMVKLYPNM TAVLLHNTQL DQRKIKHPTA
LGLEVGQEQI VKYFGRDPAD GRMRLSRKVL QSPATTVVRT LNDRSSIVMG EPISQSSNS Q.