

Recombinant Human PNPT1, GST-tagged

Cat. No. PNPT1-1821H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human PNPT1 protein, fused to GST-tag, was expressed in E.coli and purified by GSH-sepharose.
Species	Human
Source	E.coli
ProteinLength	427-783aa
Storage	The protein is stored in PBS buffer at -20°C. Avoid repeated freezing and thawing cycles.
Storage Buffer	1M PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH8.) added with 100mM GSH and 1% Triton X-100, 15% glycerol.

GENE INFORMATION

Gene Name	PNPT1 polyribonucleotide nucleotidyltransferase 1 [Homo sapiens]
Official Symbol	PNPT1
Synonyms	PNPT1; polyribonucleotide nucleotidyltransferase 1; polyribonucleotide nucleotidyltransferase 1, mitochondrial; 3 5 RNA exonuclease; old 35; OLD35; PNPase; polynucleotide phosphorylase; PNPase 1; PNPase old-35; 3-5 RNA exonuclease OLD35; polynucleotide phosphorylase 1; polynucleotide phosphorylase-

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	like protein; PNPASE; old-35; DKFZp762K1914;
Gene ID	87178
mRNA Refseq	NM_033109
Protein Refseq	NP_149100
MIM	610316
UniProt ID	Q8TCS8
Chromosome Location	2p15
Pathway	Purine metabolism, organism-specific biosystem; Purine metabolism, conserved biosystem; Pyrimidine metabolism, organism-specific biosystem; Pyrimidine metabolism, conserved biosystem; RNA degradation, organism-specific biosystem; RNA degradation, conserved biosystem;
Function	3-5-exoribonuclease activity; exonuclease activity; hydrolase activity; miRNA binding; poly(G) RNA binding; poly(U) RNA binding; polyribonucleotide nucleotidyltransferase activity; protein binding; transferase activity;