

Recombinant Human PNPT1 cell lysate

Cat. No. PNPT1-1386HCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Species	Human
Description	PNPT1 is a subunit of the exosome complex, which is involved in 3-prime-to-5-prime exoribonuclease activity for RNA processing and degradation (Raijmakers et al., 2002 [PubMed 12419256]).
Size	100 ul
Storage Buffer	1X Sample Buffer (50 mM Tris-HCl, 2% SDS, 10% glycerol, 300 mM 2-mercaptoethanol, 0.01% Bromophenol blue)
Applications	Western Blot;

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-like protein; PNPASE; old-35; DKFZp762K1914;

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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;

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