

# Recombinant Human PNPT1 cell lysate

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

## SPECIFICATION

### Product Overview

|                       |                                                                                                                                                                                             |
|-----------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Species</b>        | Human                                                                                                                                                                                       |
| <b>Description</b>    | 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]). |
| <b>Size</b>           | 100 ul                                                                                                                                                                                      |
| <b>Storage Buffer</b> | 1X Sample Buffer (50 mM Tris-HCl, 2% SDS, 10% glycerol, 300 mM 2-mercaptoethanol, 0.01% Bromophenol blue)                                                                                   |
| <b>Applications</b>   | Western Blot;                                                                                                                                                                               |

## GENE INFORMATION

|                        |                                                                                                                                                                                                                                                                                                                                                         |
|------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Gene Name</b>       | PNPT1 polyribonucleotide nucleotidyltransferase 1 [ Homo sapiens ]                                                                                                                                                                                                                                                                                      |
| <b>Official Symbol</b> | PNPT1                                                                                                                                                                                                                                                                                                                                                   |
| <b>Synonyms</b>        | 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; |

 Tel: 1-631-559-9269    1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)     Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

|                            |                                                                                                                                                                                                                                                                             |
|----------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Gene ID</b>             | 87178                                                                                                                                                                                                                                                                       |
| <b>mRNA Refseq</b>         | NM_033109                                                                                                                                                                                                                                                                   |
| <b>Protein Refseq</b>      | NP_149100                                                                                                                                                                                                                                                                   |
| <b>MIM</b>                 | 610316                                                                                                                                                                                                                                                                      |
| <b>UniProt ID</b>          | Q8TCS8                                                                                                                                                                                                                                                                      |
| <b>Chromosome Location</b> | 2p15                                                                                                                                                                                                                                                                        |
| <b>Pathway</b>             | 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; |
| <b>Function</b>            | 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;                                                 |

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA