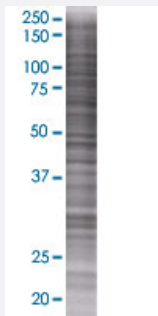


PNPT1 293T Cell Transient Overexpression Lysate(Denatured)

Catalog # H00087178-T01

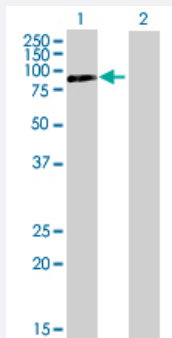
Size 100 uL

Applications



SDS-PAGE Gel

PNPT1 transfected lysate.



Western Blot

Lane 1: PNPT1 transfected lysate (86.24 KDa)

Lane 2: Non-transfected lysate.

Specification

Transfected Cell Line	293T
Plasmid	pCMV-PNPT1 full-length
Host	Human
Theoretical MW (kDa)	86.24
Interspecies Antigen Sequence	Mouse (91); Rat (92)

Quality Control Testing

Transient overexpression cell lysate was tested with Anti-PNPT1 antibody ([H00087178-B01](#)) by Western Blots.
SDS-PAGE Gel
PNPT1 transfected lysate.
Western Blot
Lane 1: PNPT1 transfected lysate (86.24 KDa)
Lane 2: Non-transfected lysate.

Storage Buffer

1X Sample Buffer (50 mM Tris-HCl, 2% SDS, 10% glycerol, 300 mM 2-mercaptoethanol, 0.01% Bromophenol blue)

Storage Instruction

Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot

Gene Info — PNPT1

Entrez GeneID

[87178](#)

GeneBank Accession#

[NM_033109.2](#)

Protein Accession#

[NP_149100.1](#)

Gene Name

PNPT1

Gene Alias

DKFZp762K1914, OLD35, PNPASE, old-35

Gene Description

polyribonucleotide nucleotidyltransferase 1

Omim ID

[610316](#)

Gene Ontology

[Hyperlink](#)

Gene Summary

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]). [supplied by OMIM]

Other Designations

3'-5' RNA exonuclease|polynucleotide phosphorylase|polynucleotide phosphorylase-like

Pathway

- [Purine metabolism](#)

- [Pyrimidine metabolism](#)
- [RNA degradation](#)

Disease

- [Diabetes Mellitus](#)
- [Multiple Sclerosis](#)