

Human RPN1 Knockdown Cell Lysate

Cat. No. RPN1-421HKCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	WB-validated RPN1 Knockdown HeLa Cell Lysate
Species	Human
Source	HeLa
Description	This gene encodes a type I integral membrane protein found only in the rough endoplasmic reticulum. The encoded protein is part of an N-oligosaccharyl transferase complex that links high mannose oligosaccharides to asparagine residues found in the Asn-X-Ser/Thr consensus motif of nascent polypeptide chains. This protein forms part of the regulatory subunit of the 26S proteasome and may mediate binding of ubiquitin-like domains to this proteasome.
Form	Cell-Tissue Lysis buffer
Molecular Mass	69 kDa
Notes	Instruction of use: This knockdown cell lysate should be paired with wild-type HeLa cell lysate for use. For Western blotting, we recommend running wild-type and knockdown lysates on the same gel, and loading each well with equal volume and equal amount of total proteins.
Storage	Store at -20 centigrade for two years.
Concentration	Lot-specific

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Shipping	Blue Ice
Components	1 vial of 100 µg WT HeLa cell lysate 1 vial of 100 µg RPN1 KD HeLa cell lysate
Protein Families	Transmembrane
Protein Pathways	Metabolic pathways, N-Glycan biosynthesis
Lysate QC	RT-qPCR; Western Blotting (WB)

GENE INFORMATION

Gene Name	RPN1 ribophorin I [Homo sapiens (human)]
Official Symbol	RPN1
Synonyms	RPN1; ribophorin I; dolichyl-diphosphooligosaccharide--protein glycosyltransferase subunit 1; oligosaccharyltransferase 1 homolog (S. cerevisiae); OST1; RPN-I; ribophorin-1; oligosaccharyltransferase 1 homolog; dolichyl-diphosphooligosaccharide-protein glycosyltransferase 67 kDa subunit; dolichyl-diphosphooligosaccharide--protein glycosyltransferase 67 kDa subunit; RBPH1; DKFZp686B16177;
Gene ID	6184
mRNA Refseq	NM_002950
Protein Refseq	NP_002941
MIM	180470

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UniProt ID

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