

Human PRPF4 Knockdown Cell Lysate

Cat. No. PRPF4-405HKCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	WB-validated PRPF4 Knockdown HeLa Cell Lysate
Species	Human
Source	HeLa
Description	The protein encoded by this gene is part of a heteromeric complex that binds U4, U5, and U6 small nuclear RNAs and is involved in pre-mRNA splicing. The encoded protein also is a mitotic checkpoint protein and a regulator of chemoresistance in human ovarian cancer. Several transcript variants encoding different isoforms have been found for this gene.
Form	Cell-Tissue Lysis buffer
Molecular Mass	58 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 PRPF4 KD HeLa cell lysate
Protein Pathways	Spliceosome
Lysate QC	RT-qPCR; Western Blotting (WB)

GENE INFORMATION

Gene Name	PRPF4 PRP4 pre-mRNA processing factor 4 homolog (yeast) [Homo sapiens (human)]
Official Symbol	PRPF4
Synonyms	PRPF4; PRP4 pre-mRNA processing factor 4 homolog (yeast); U4/U6 small nuclear ribonucleoprotein Prp4; HPRP4; HPRP4P; PRP4; PRP4/STK/WD splicing factor; Prp4p; PRP4 homolog; WD splicing factor Prp4; U4/U6 snRNP 60 kDa protein;
Gene ID	9128
mRNA Refseq	NM_001244926
Protein Refseq	NP_001231855
MIM	607795
UniProt ID	O43172

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