

## Human PRPF4 Knockdown Cell Lysate

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

### SPECIFICATION

<b>Product Overview</b>	WB-validated PRPF4 Knockdown HeLa Cell Lysate
<b>Species</b>	Human
<b>Source</b>	HeLa
<b>Description</b>	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.
<b>Form</b>	Cell-Tissue Lysis buffer
<b>Molecular Mass</b>	58 kDa
<b>Notes</b>	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.
<b>Storage</b>	Store at -20 centigrade for two years.
<b>Concentration</b>	Lot-specific

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<b>Shipping</b>	Blue Ice
<b>Components</b>	1 vial of 100 µg WT HeLa cell lysate 1 vial of 100 µg PRPF4 KD HeLa cell lysate
<b>Protein Pathways</b>	Spliceosome
<b>Lysate QC</b>	RT-qPCR; Western Blotting (WB)

## GENE INFORMATION

<b>Gene Name</b>	PRPF4 PRP4 pre-mRNA processing factor 4 homolog (yeast) [ Homo sapiens (human) ]
<b>Official Symbol</b>	PRPF4
<b>Synonyms</b>	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;
<b>Gene ID</b>	9128
<b>mRNA Refseq</b>	NM_001244926
<b>Protein Refseq</b>	NP_001231855
<b>MIM</b>	607795
<b>UniProt ID</b>	O43172

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