

## Recombinant Human PRPF6 293 Cell Lysate

**Cat. No.** PRPF6-2823HCL    **Lot. No.** (See product label)

### SPECIFICATION

<b>Species</b>	Human
<b>Source</b>	HEK293
<b>Description</b>	Antigen standard for PRP6 pre-mRNA processing factor 6 homolog ( <i>S. cerevisiae</i> ) (PRPF6) is a lysate prepared from HEK293T cells transiently transfected with a TrueORF gene-carrying pCMV plasmid and then lysed in RIPA Buffer. Protein concentration was determined using a colorimetric assay. The antigen control carries a C-terminal Myc/DDK tag for detection.
<b>Components</b>	This product includes 3 vials: 1 vial of gene-specific cell lysate, 1 vial of control vector cell lysate, and 1 vial of loading buffer. Each lysate vial contains 0.1 mg lysate in 0.1 ml (1 mg/ml) of RIPA Buffer (50 mM Tris-HCl pH7.5, 250 mM NaCl, 5 mM EDTA, 50 mM NaF, 1% NP40). The loading buffer vial contains 0.5 ml 2X SDS Loading Buffer (125 mM Tris-Cl, pH6.8, 10% glycerol, 4% SDS, 0.002% Bromophenol blue, 5% beta-mercaptoethanol).
<b>Size</b>	0.1 mg
<b>Storage Instruction</b>	Store at -80°C. Minimize freeze-thaw cycles. After addition of 2X SDS Loading Buffer, the lysates can be stored at -20°C. Product is guaranteed 6 months from the date of shipment.
<b>Applications</b>	ELISA, WB, IP. WB: Mix equal volume of lysates with 2X SDS Loading Buffer. Boil the mixture for 10 min before loading (for membrane protein lysates, incubate the

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mixture at room temperature for 30 min). Load 5 ug lysate per lane.

## GENE INFORMATION

**Gene Name** PRPF6 PRP6 pre-mRNA processing factor 6 homolog (*S. cerevisiae*) [ *Homo sapiens* ]

**Official Symbol** PRPF6

**Synonyms** PRPF6; PRP6 pre-mRNA processing factor 6 homolog (*S. cerevisiae*); C20orf14, chromosome 20 open reading frame 14 , PRP6 pre mRNA processing factor 6 homolog (yeast); pre-mRNA-processing factor 6; ANT 1; bB152O15.1; Prp6; TOM; U5 102K; PRP6 homolog; U5-102 kDa protein; U5 snRNP-associated 102 kDa protein; androgen receptor N-terminal domain transactivating protein-1; androgen receptor N-terminal domain-transactivating protein 1; putative mitochondrial outer membrane protein import receptor; p102 U5 small nuclear ribonucleoprotein particle-binding protein; ANT1; ANT-1; hPrp6; U5-102K; C20orf14;

**Gene ID** [24148](#)

**mRNA Refseq** [NM\\_012469](#)

**Protein Refseq** [NP\\_036601](#)

**MIM** [613979](#)

**UniProt ID** [O94906](#)

**Chromosome Location** 20q13.33

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**Pathway**

Gene Expression, organism-specific biosystem; Processing of Capped Intron-Containing Pre-mRNA, organism-specific biosystem; Spliceosome, organism-specific biosystem; Spliceosome, conserved biosystem; Spliceosome, U4/U6.U5 tri-snRNP, organism-specific biosystem; mRNA Splicing, organism-specific biosystem; mRNA Splicing - Major Pathway, organism-specific biosystem;

**Function**

androgen receptor binding; protein binding; ribonucleoprotein complex binding; transcription coactivator activity;

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