

Recombinant Human PRPF6 293 Cell Lysate

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

SPECIFICATION

Product Overview

Species	Human
Source	HEK293
Description	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.
Components	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).
Size	0.1 mg
Storage Instruction	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.

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Applications

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 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

20q13.33

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Location	
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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