

Recombinant Human PRPF3 293 Cell Lysate

Cat. No. PRPF3-2827HCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Species	Human
Source	HEK293
Description	Antigen standard for PRP3 pre-mRNA processing factor 3 homolog (<i>S. cerevisiae</i>) (PRPF3) 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

PRPF3 PRP3 pre-mRNA processing factor 3 homolog (S. cerevisiae) [Homo sapiens]

Official Symbol

PRPF3

Synonyms

PRPF3; PRP3 pre-mRNA processing factor 3 homolog (S. cerevisiae); PRP3 pre mRNA processing factor 3 homolog (yeast) , retinitis pigmentosa 18 (autosomal dominant) , RP18; U4/U6 small nuclear ribonucleoprotein Prp3; HPRP3; Prp3; U4/U6 snRNP 90 kDa protein; pre-mRNA-splicing factor 3; U4/U6-associated RNA splicing factor; PRP3; RP18; Prp3p; HPRP3P;

Gene ID

9129

mRNA Refseq

NM_004698

Protein Refseq

NP_004689

MIM

607301

UniProt ID

O43395

Chromosome Location

1q21.1

Pathway

Spliceosome, organism-specific biosystem; Spliceosome, conserved biosystem;

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Spliceosome, U4/U6.U5 tri-snRNP, organism-specific biosystem; mRNA processing, organism-specific biosystem;

Function

protein binding;

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