

Recombinant Human PRPF18 293 Cell Lysate

Cat. No. PRPF18-2829HCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Species	Human
Source	HEK293
Description	Antigen standard for PRP18 pre-mRNA processing factor 18 homolog (<i>S. cerevisiae</i>) (PRPF18) 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

PRPF18 PRP18 pre-mRNA processing factor 18 homolog (*S. cerevisiae*) [*Homo sapiens*]

Official Symbol

PRPF18

Synonyms

PRPF18; PRP18 pre-mRNA processing factor 18 homolog (*S. cerevisiae*); PRP18 pre mRNA processing factor 18 homolog (yeast); pre-mRNA-splicing factor 18; hPrp18; PRP18 homolog; PRP18 pre-mRNA processing factor 18 homolog (PRPF18); PRP18; FLJ10210;

Gene ID

8559

mRNA Refseq

NM_003675

Protein Refseq

NP_003666

MIM

604993

UniProt ID

Q99633

Chromosome Location

10p12.33

Pathway

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

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Function	potassium channel inhibitor activity;
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