

Recombinant Human PRPF31 293 Cell Lysate

Cat. No. PRPF31-2826HCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Species	Human
Source	HEK293
Description	Antigen standard for PRP31 pre-mRNA processing factor 31 homolog (<i>S. cerevisiae</i>) (PRPF31) 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

PRPF31 PRP31 pre-mRNA processing factor 31 homolog (*S. cerevisiae*) [*Homo sapiens*]

Official Symbol

PRPF31

Synonyms

PRPF31; PRP31 pre-mRNA processing factor 31 homolog (*S. cerevisiae*); PRP31 pre mRNA processing factor 31 homolog (yeast) , RP11; U4/U6 small nuclear ribonucleoprotein Prp31; NY BR 99; PRP31; hPrp31; protein 61K; U4/U6 snRNP 61 kDa protein; pre-mRNA-processing factor 31; serologically defined breast cancer antigen NY-BR-99; RP11; NY-BR-99; DKFZp566J153;

Gene ID

26121

mRNA Refseq

NM_015629

Protein Refseq

NP_056444

MIM

606419

UniProt ID

Q8WWY3

Chromosome Location

19q13.4

Pathway

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

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

Function

RNA binding; ribonucleoprotein complex binding; snRNP binding;

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