

Recombinant Human PRPF4 293 Cell Lysate

Cat. No. PRPF4-2825HCL Lot. No. (See product label)

SPECIFICATION

Product Overview

Species	Human
Source	HEK293
Description	Antigen standard for PRP4 pre-mRNA processing factor 4 homolog (yeast) (PRPF4) 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

PRPF4 PRP4 pre-mRNA processing factor 4 homolog (yeast) [Homo sapiens]

Official Symbol

PRPF4

Synonyms

PRPF4; PRP4 pre-mRNA processing factor 4 homolog (yeast); U4/U6 small nuclear ribonucleoprotein Prp4; HPRP4; HPRP4P; PRP4; PRP4/STK/WD splicing factor; Prp4p; PRP4 homolog; WD splicing factor Prp4; U4/U6 snRNP 60 kDa protein;

Gene ID

9128

mRNA Refseq

NM_001244926

Protein Refseq

NP_001231855

MIM

607795

UniProt ID

O43172

Chromosome Location

9q31-q33

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

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Splicing - Major Pathway, organism-specific biosystem;

Function

protein binding;

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