

Recombinant Human PRPF19 293 Cell Lysate

Cat. No. PRPF19-2828HCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Species Human

Source HEK293

Description

Antigen standard for PRP19/PSO4 pre-mRNA processing factor 19 homolog (S. cerevisiae) (PRPF19) 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

PRPF19 PRP19/PSO4 pre-mRNA processing factor 19 homolog (*S. cerevisiae*) [*Homo sapiens*]

Official Symbol

PRPF19

Synonyms

PRPF19; PRP19/PSO4 pre-mRNA processing factor 19 homolog (*S. cerevisiae*); PRP19, PRP19/PSO4 homolog (*S. cerevisiae*); pre-mRNA-processing factor 19; hPSO4; NMP200; nuclear matrix protein NMP200 related to splicing factor PRP19; PSO4; UBOX4; PRP19/PSO4 homolog; senescence evasion factor; nuclear matrix protein 200; SNEV; PRP19;

Gene ID

27339

mRNA Refseq

NM_014502

Protein Refseq

NP_055317

MIM

608330

UniProt ID

Q9UMS4

Chromosome Location

11q12.2

Pathway

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

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Spliceosome, 35S U5-snRNP, organism-specific biosystem; Spliceosome, Prp19/CDC5L complex, organism-specific biosystem; Ubiquitin mediated proteolysis, organism-specific biosystem; Ubiquitin mediated proteolysis, conserved biosystem;

Function

DNA binding; identical protein binding; protein binding; ubiquitin-protein ligase activity; ubiquitin-ubiquitin ligase activity;

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