

Recombinant Human SFPQ 293 Cell Lysate

Cat. No. SFPQ-1911HCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Species Human

Source HEK293

Description

Antigen standard for splicing factor proline/glutamine-rich (polypyrimidine tract binding protein associated) (SFPQ) 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

SFPQ splicing factor proline/glutamine-rich [Homo sapiens]

Official Symbol

SFPQ

Synonyms

SFPQ; splicing factor proline/glutamine-rich; splicing factor proline/glutamine rich (polypyrimidine tract binding protein associated); splicing factor, proline- and glutamine-rich; polypyrimidine tract binding protein associated; PSF; hPOMp100; 100 kDa DNA-pairing protein; PTB-associated splicing factor; PTB-associated-splicing factor; DNA-binding p52/p100 complex, 100 kDa subunit; polypyrimidine tract-binding protein-associated splicing factor; polypyrimidine tract-binding protein-associated-splicing factor; splicing factor proline/glutamine rich (polypyrimidine tract-binding protein-associated); POMP100; DKFZp547C228; DKFZp667K0521; DKFZp686K1282;

Gene ID

6421

mRNA Refseq

NM_005066

Protein Refseq

NP_005057

MIM

605199

UniProt ID

P23246

Chromosome

1p34.3

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Location	
Pathway	mRNA processing, organism-specific biosystem;
Function	DNA binding; RNA binding; nucleotide binding; protein binding;

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