

Recombinant Human SF3A3 293 Cell Lysate

Cat. No. SF3A3-1919HCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Species	Human
Source	HEK293
Description	Antigen standard for splicing factor 3a, subunit 3, 60kDa (SF3A3) 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 SF3A3 splicing factor 3a, subunit 3, 60kDa [Homo sapiens]

Official Symbol SF3A3

Synonyms SF3A3; splicing factor 3a, subunit 3, 60kDa; splicing factor 3a, subunit 3, 60kD; splicing factor 3A subunit 3; PRP9; PRPF9; SAP61; SF3a60; SAP 61; spliceosome associated protein 61; spliceosome-associated protein 61; pre-mRNA splicing factor SF3a (60kD);

Gene ID 10946

mRNA Refseq NM_006802

Protein Refseq NP_006793

MIM 605596

UniProt ID Q12874

Chromosome Location 1p

Pathway Diurnally regulated genes with circadian orthologs, organism-specific biosystem; Gene Expression, organism-specific biosystem; Processing of Capped Intron-Containing Pre-mRNA, organism-specific biosystem; Spliceosome, organism-specific

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biosystem; Spliceosome, conserved biosystem; Spliceosome, U2-snRNP, organism-specific biosystem; mRNA Splicing, organism-specific biosystem;

Function

metal ion binding; nucleic acid binding; zinc ion binding;

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