Recombinant Human SFRS13A 293 Cell Lysate

Cat. No. SRSF10-1906HCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	
Species	Human
Source	HEK293
Description	Antigen standard for splicing factor, arginine/serine-rich 13A (SFRS13A), transcript variant 1 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	SRSF10 serine/arginine-rich splicing factor 10 [Homo sapiens]
Official Symbol	SRSF10
Synonyms	NSSR; TASR; SRp38; TASR1; TASR2; FUSIP1; FUSIP2; SFRS13; SRrp40; SFRS13A; PPP1R149; serine/arginine-rich splicing factor 10; SR splicing factor 10; splicing factor SRp38; TLS-associated SR protein; neural-salient SR protein; 40 kDa SR-repressor protein; TLS-associated protein TASR; TLS-associated protein with SR repeats; TLS-associated serine-arginine protein 1; TLS-associated serine-arginine protein 2; splicing factor, arginine/serine-rich 13; splicing factor, arginine/serine-rich 13A; serine-arginine repressor protein (40 kDa); TLS-associated protein with Ser-Arg repeats; protein phosphatase 1, regulatory subunit 149; FUS interacting protein (serine-arginine rich) 1; FUS-interacting protein (serine-arginine rich) 2
Gene ID	10772
mRNA Refseq	NM_006625
Protein Refseq	NP_006616
MIM	605221
UniProt ID	O75494
Chromosome	1p36.11

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Location	
Pathway	Spliceosome, organism-specific biosystem; Spliceosome, conserved biosystem; mRNA processing, organism-specific biosystem
Function	RNA binding; RS domain binding; nucleotide binding

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