Recombinant Human RNPS1 293 Cell Lysate

Cat. No. RNPS1-2258HCL **Lot. No.** (See product label)

SPECIFICATION

Species	Human
Source	HEK293
Description	Antigen standard for RNA binding protein S1, serine-rich domain (RNPS1), 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.
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

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	mixture at room temperature for 30 min). Load 5 ug lysate per lane.

GENE INFORMATION

Gene Name	RNPS1 RNA binding protein S1, serine-rich domain [Homo sapiens]
Official Symbol	RNPS1
Synonyms	RNPS1; RNA binding protein S1, serine-rich domain; RNA binding protein S1, serine rich domain; RNA-binding protein with serine-rich domain 1; SR protein; SR-related protein LDC2; RNA-binding protein S1, serine-rich domain; E5.1; MGC117332;
Gene ID	10921
mRNA Refseq	NM_006711
Protein Refseq	NP_006702
MIM	606447
UniProt ID	Q15287
Chromosome Location	16p13.3
Pathway	Cleavage of Growing Transcript in the Termination Region, organism-specific biosystem; Exon junction complex (EJC), organism-specific biosystem; Gene Expression, organism-specific biosystem; Nonsense Mediated Decay Enhanced by the Exon Junction Complex, organism-specific biosystem; Nonsense-Mediated Decay, organism-specific biosystem; Processing of Capped Intron-Containing Pre-mRNA, organism-specific biosystem; RNA Polymerase II Transcription, organism-

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	specific biosystem;
Function	RNA binding; mRNA 3-UTR binding; nucleotide binding; protein binding;

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