Recombinant Human RBMS1 293 Cell Lysate

Cat. No. RBMS1-2462HCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	
Species	Human
Source	HEK293
Description	Antigen standard for RNA binding motif, single stranded interacting protein 1 (RBMS1), 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	RBMS1 RNA binding motif, single stranded interacting protein 1 [Homo sapiens]
Official Symbol	RBMS1
Synonyms	RBMS1; RNA binding motif, single stranded interacting protein 1; C2orf12, chromosome 2 open reading frame 12; RNA-binding motif, single-stranded-interacting protein 1; c myc gene single strand binding protein 2; DKFZp564H0764; HCC 4; MSSP 1; MSSP 2; MSSP 3; SCR2; suppressor of cdc 2 (cdc13) with RNA binding motif 2; YC1; cervical cancer oncogene 4; c-myc gene single strand binding protein 2; single-stranded DNA-binding protein MSSP-1; suppressor of CDC2 with RNA-binding motif 2; MSSP; HCC-4; MSSP-1; MSSP-2; MSSP-3; C2orf12; MGC3331; MGC15146; MGC70597; MGC97258; MGC97270; MGC97282; MGC99543;
Gene ID	5937
mRNA Refseq	NM_016836
Protein Refseq	NP_058520
MIM	602310
UniProt ID	P29558
Chromosome Location	2q24.2

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Function	DNA binding; RNA binding; double-stranded DNA binding; nucleotide binding; protein binding; single-stranded DNA binding;

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