

Recombinant Human RBM8A 293 Cell Lysate

Cat. No. RBM8A-2465HCL Lot. No. (See product label)

SPECIFICATION

Species	Human
Source	HEK293
Description	Antigen standard for RNA binding motif protein 8A (RBM8A) 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	RBM8A RNA binding motif protein 8A [Homo sapiens]
Official Symbol	RBM8A
Synonyms	RBM8A; RNA binding motif protein 8A; RBM8; RNA-binding protein 8A; BOV 1A; BOV 1B; BOV 1C; RBM8B; Y14; ZNRP; BOV-1; binder of OVCA1-1; ribonucleoprotein RBM8; RNA-binding protein Y14; ribonucleoprotein RBM8A; RNA binding motif protein 8B; RNA-binding motif protein 8A; TAR; ZRNP1; BOV-1A; BOV-1B; BOV-1C; MDS014; DEL1q21.1; C1DELq21.1;
Gene ID	9939
mRNA Refseq	NM_005105
Protein Refseq	NP_005096
MIM	605313
UniProt ID	Q9Y5S9
Chromosome Location	1q21.1
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

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Decay, organism-specific biosystem; Processing of Capped Intron-Containing Pre-mRNA, organism-specific biosystem; RNA Polymerase II Transcription, organism-specific biosystem;

Function

RNA binding; mRNA binding; nucleotide binding; protein binding;

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