

Recombinant Human RBM8A 293 Cell Lysate

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

SPECIFICATION

Product Overview

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.

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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

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

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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-specific biosystem;

Function

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

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