Recombinant Human RBM22 293 Cell Lysate

Cat. No. RBM22-2478HCL **Lot. No.** (See product label)

SPECIFICATION

Species	Human
Source	HEK293
Description	Antigen standard for RNA binding motif protein 22 (RBM22) 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

Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA

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

GENE INFORMATION

Gene Name	RBM22 RNA binding motif protein 22 [Homo sapiens]
Official Symbol	RBM22
Synonyms	Cwc2; ZC3H16; fSAP47; pre-mRNA-splicing factor RBM22; RNA-binding motif protein 22; functional spliceosome-associated protein 47; zinc finger CCCH domain-containing protein 16
Gene ID	55696
mRNA Refseq	NM_018047
Protein Refseq	NP_060517
MIM	612430
UniProt ID	Q9NW64
Chromosome Location	5q33.1
Pathway	Spliceosome, organism-specific biosystem; Spliceosome, 35S U5-snRNP, organism-specific biosystem; Spliceosome, 35S U5-snRNP, conserved biosystem
Function	calcium-dependent protein binding; nucleocytoplasmic transporter activity; poly(A) RNA binding

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