Recombinant Human RMI1 293 Cell Lysate

Cat. No. RMI1-2327HCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	
Species	Human
Source	HEK293
Description	Antigen standard for RMI1, RecQ mediated genome instability 1, homolog (S. cerevisiae) (RMI1) 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	RMI1 RMI1, RecQ mediated genome instability 1, homolog (S. cerevisiae) [Homo sapiens]
Official Symbol	RMI1
Synonyms	RMI1; RMI1, RecQ mediated genome instability 1, homolog (S. cerevisiae); C9orf76, chromosome 9 open reading frame 76; recQ-mediated genome instability protein 1; BLAP75; BLM Associated Polypeptide; 75 kDa; FLJ12888; BLM-associated protein 75 kDa; BLM-associated polypeptide, 75 kDa; homolog of yeast RecQ-mediated genome instability 1 (RMI1); FAAP75; C9orf76; RP11-346I8.1;
Gene ID	80010
mRNA Refseq	NM_024945
Protein Refseq	NP_079221
MIM	610404
UniProt ID	Q9H9A7
Chromosome Location	9q22.1
Pathway	Blooms syndrome complex, organism-specific biosystem; Fanconi anemia pathway,

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	organism-specific biosystem; Fanconi anemia pathway, conserved biosystem;
Function	protein binding;

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