Recombinant Human RPRD1A 293 Cell Lysate

Cat. No. RPRD1A-2177HCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	
Species	Human
Source	HEK293
Description	Antigen standard for regulation of nuclear pre-mRNA domain containing 1A (RPRD1A) 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	RPRD1A regulation of nuclear pre-mRNA domain containing 1A [Homo sapiens]
Official Symbol	RPRD1A
Synonyms	RPRD1A; regulation of nuclear pre-mRNA domain containing 1A; regulation of nuclear pre-mRNA domain-containing protein 1A; cyclin dependent kinase 2B inhibitor related protein; Cyclin dependent kinase inhibitor 2B related protein (p15INK4B related protein); FLJ10656; HsT3101; P15RS; p15INK4B-related protein; cyclin-dependent kinase 2B-inhibitor-related protein; Cyclin-dependent kinase inhibitor 2B-related protein (p15INK4B-related protein); MGC19513;
Gene ID	55197
mRNA Refseq	NM_018170
Protein Refseq	NP_060640
MIM	610347
UniProt ID	Q96P16
Chromosome Location	18q12.2

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