Recombinant Human RQCD1 293 Cell Lysate

Cat. No. RQCD1-2149HCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	
Species	Human
Source	HEK293
Description	Antigen standard for RCD1 required for cell differentiation1 homolog (S. pombe) (RQCD1) 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	RQCD1 RCD1 required for cell differentiation1 homolog (S. pombe) [Homo sapiens]
Official Symbol	RQCD1
Synonyms	RQCD1; RCD1 required for cell differentiation1 homolog (S. pombe); rcd1 (required for cell differentiation, S.pombe) homolog 1; cell differentiation protein RCD1 homolog; cancer/testis antigen 129; CNOT9; CT129; RCD1; RCD1+; rcd-1; protein involved in sexual development; CCR4-NOT transcription complex subunit 9;
Gene ID	9125
mRNA Refseq	NM_005444
Protein Refseq	NP_005435
MIM	612054
UniProt ID	Q92600
Chromosome Location	2q35
Pathway	Deadenylation of mRNA, organism-specific biosystem; Deadenylation-dependent mRNA decay, organism-specific biosystem; Gene Expression, organism-specific biosystem; RNA degradation, organism-specific biosystem; RNA degradation,

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	conserved biosystem;
Function	binding;

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