

Recombinant Human RNF41 293 Cell Lysate

Cat. No. RNF41-2273HCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Species	Human
Source	HEK293
Description	Antigen standard for ring finger protein 41 (RNF41), transcript variant 1 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	RNF41 ring finger protein 41 [Homo sapiens]
Official Symbol	RNF41
Synonyms	RNF41; ring finger protein 41; E3 ubiquitin-protein ligase NRDP1; SBBI03; fetal liver ring finger; neuregulin receptor degradation protein-1; FLRF; NRDP1; MGC45228;
Gene ID	10193
mRNA Refseq	NM_005785
Protein Refseq	NP_005776
UniProt ID	Q9H4P4
Chromosome Location	12q13.13
Pathway	Adaptive Immune System, organism-specific biosystem; Antigen processing: Ubiquitination and Proteasome degradation, organism-specific biosystem; Class I MHC mediated antigen processing & presentation, organism-specific biosystem; Downregulation of ERBB2:ERBB3 signaling, organism-specific biosystem; Endocytosis, organism-specific biosystem;
Function	acid-amino acid ligase activity; ligase activity; metal ion binding; protein binding;

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protein tag; ubiquitin-protein ligase activity; ubiquitin-protein ligase activity; zinc ion binding;

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