

Recombinant Human RNF40 293 Cell Lysate

Cat. No. RNF40-2275HCL **Lot. No.** (See product label)

SPECIFICATION

Species	Human
Source	HEK293
Description	Antigen standard for ring finger protein 40 (RNF40) 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

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

GENE INFORMATION

Gene Name	RNF40 ring finger protein 40, E3 ubiquitin protein ligase [Homo sapiens]
Official Symbol	RNF40
Synonyms	RNF40; ring finger protein 40, E3 ubiquitin protein ligase; ring finger protein 40; E3 ubiquitin-protein ligase BRE1B; BRE1 E3 ubiquitin ligase homolog B (S. cerevisiae); BRE1B; KIAA0661; RBP95; STARING; BRE1-B; Rb-associated protein; BRE1 E3 ubiquitin ligase homolog B; 95 kDa retinoblastoma-associated protein; 95 kDa retinoblastoma protein binding protein; MGC13051; DKFZp686K191;
Gene ID	9810
mRNA Refseq	NM_001207033
Protein Refseq	NP_001193962
MIM	607700
UniProt ID	O75150
Chromosome Location	16p11.2-p11.1
Function	ligase activity; metal ion binding; protein binding; protein complex binding; protein homodimerization activity; syntaxin-1 binding; ubiquitin protein ligase binding; contributes_to ubiquitin-protein ligase activity; zinc ion binding;

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