

Recombinant Human RNF40 293 Cell Lysate

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

SPECIFICATION

Product Overview

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.

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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

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;

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contributes_to ubiquitin-protein ligase activity; zinc ion binding;

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