

Recombinant Human RNF34 293 Cell Lysate

Cat. No. RNF34-2279HCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Species Human

Source HEK293

Description

Antigen standard for ring finger protein 34 (RNF34), transcript variant 2 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

RNF34 ring finger protein 34, E3 ubiquitin protein ligase [Homo sapiens]

Official Symbol

RNF34

Synonyms

RNF34; ring finger protein 34, E3 ubiquitin protein ligase; ring finger protein 34; E3 ubiquitin-protein ligase RNF34; FLJ21786; RIF; RIFF; caspase regulator CARP1; RING finger protein RIFF; FYVE-RING finger protein MOMO; caspases-8 and -10-associated RING finger protein 1; human RING finger homologous to inhibitor of apoptosis protein; RFI; hRFI; CARP1; CARP-1;

Gene ID

80196

mRNA Refseq

NM_001256858

Protein Refseq

NP_001243787

MIM

608299

UniProt ID

Q969K3

**Chromosome
Location**

12q24.31

Pathway

Adaptive Immune System, organism-specific biosystem; Antigen processing: Ubiquitination and Proteasome degradation, organism-specific biosystem; Class I

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MHC mediated antigen processing & presentation, organism-specific biosystem;
Immune System, organism-specific biosystem;

Function

ligase activity; metal ion binding; zinc ion binding;

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