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.

Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA

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

Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA

	MHC mediated antigen processing & presentation, organism-specific biosystem; Immune System, organism-specific biosystem;
Function	ligase activity; metal ion binding; zinc ion binding;

Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA