Recombinant Human RNF7 293 Cell Lysate

Cat. No. RNF7-2272HCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	
Species	Human
Source	HEK293
Description	Antigen standard for ring finger protein 7 (RNF7), 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	RNF7 ring finger protein 7 [Homo sapiens]
Official Symbol	RNF7
Synonyms	RNF7; ring finger protein 7; RING-box protein 2; CKBBP1; ROC2; SAG; sensitive to apoptosis; zinc RING finger protein SAG; regulator of cullins 2; rbx2; CKII beta-binding protein 1; sensitive to apoptosis gene protein; sensitive to apoptosis, zinc RING finger protein SAG, regulator of cullins 2;
Gene ID	9616
mRNA Refseq	NM_001201370
Protein Refseq	NP_001188299
MIM	603863
UniProt ID	Q9UBF6
Chromosome Location	3q22-q24
Pathway	ECS complex, organism-specific biosystem; ECS complex, conserved biosystem; Ubiquitin mediated proteolysis, organism-specific biosystem; Ubiquitin mediated proteolysis, conserved biosystem;

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Function	NEDD8 ligase activity; copper ion binding; metal ion binding; protein binding; zinc ion binding;

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