

Recombinant Human SENP8 293 Cell Lysate

Cat. No. SENP8-1970HCL **Lot. No.** (See product label)

SPECIFICATION

Species	Human
Source	HEK293
Description	Antigen standard for SUMO/sentrin specific peptidase family member 8 (SENP8), 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.
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 [SENP8 SUMO/sentrin specific peptidase family member 8 \[Homo sapiens \]](#)

Official Symbol [SENP8](#)

Synonyms

SENP8; SUMO/sentrin specific peptidase family member 8; protease, cysteine, 2 (NEDD8 specific) , PRSC2, SUMO/sentrin specific protease family member 8; sentrin-specific protease 8; DEN1; deneddylase 1; HsT17512; NEDD8 specific protease 1; NEDP1; sentrin/SUMO specific protease SENP8; deneddylase-1; protease, cysteine 2; NEDD8-specific protease 1; NEDD8 specific-protease cysteine 2; SUMO sentrin specific protease family member 8; PRSC2;

Gene ID [123228](#)

mRNA Refseq [NM_001166340](#)

Protein Refseq [NP_001159812](#)

MIM [608659](#)

UniProt ID [Q96LD8](#)

Chromosome Location [15q22.33](#)

Function [cysteine-type peptidase activity; peptidase activity;](#)

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