

Recombinant Human SENP1 293 Cell Lysate

Cat. No. SENP1-1975HCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Species	Human
Source	HEK293
Description	Antigen standard for SUMO1/sentrin specific peptidase 1 (SENP1) 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	SENP1 SUMO1/sentrin specific peptidase 1 [Homo sapiens]
Official Symbol	SENP1
Synonyms	SENP1; SUMO1/sentrin specific peptidase 1; SUMO1/sentrin specific protease 1; sentrin-specific protease 1; sentrin/SUMO-specific protease SENP1; SuPr-2;
Gene ID	29843
mRNA Refseq	NM_014554
Protein Refseq	NP_055369
MIM	612157
UniProt ID	Q9P0U3
Chromosome Location	12q13.1
Pathway	Androgen Receptor Signaling Pathway, organism-specific biosystem; Regulation of Androgen receptor activity, organism-specific biosystem;
Function	SUMO-specific protease activity; cysteine-type peptidase activity; endopeptidase activity; peptidase activity;

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