

Recombinant Human SAP18 293 Cell Lysate

Cat. No. SAP18-2069HCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Species	Human
Source	HEK293
Description	Antigen standard for Sin3A-associated protein, 18kDa (SAP18) 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 SAP18 Sin3A-associated protein, 18kDa [Homo sapiens]

Official Symbol SAP18

Synonyms SAP18; Sin3A-associated protein, 18kDa; sin3A associated protein, 18kDa; histone deacetylase complex subunit SAP18; 2HOR0202; MGC27131; SAP18p; sin3-associated polypeptide p18; sin3-associated polypeptide, p18; cell growth inhibiting protein 38; cell growth-inhibiting protein 38; 18 kDa Sin3-associated polypeptide; sin3-associated polypeptide, 18 kDa; cell growth-inhibiting gene 38 protein; histone deacetylase complex subunit SAP18; SAP18P;

Gene ID 10284

mRNA Refseq NM_005870

Protein Refseq NP_005861

MIM 602949

UniProt ID O00422

Chromosome Location 13q12.11

Pathway Exon junction complex (EJC), organism-specific biosystem; Hedgehog Signaling

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Pathway, organism-specific biosystem; Hedgehog signaling events mediated by Gli proteins, organism-specific biosystem; RNA transport, organism-specific biosystem; RNA transport, conserved biosystem; Regulation of Telomerase, organism-specific biosystem; Regulation of nuclear SMAD2/3 signaling, organism-specific biosystem;

Function

protein binding; transcription corepressor activity;

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