

Recombinant Human SAP30 cell lysate

Cat. No. SAP30-1559HCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Species	Human
Description	Histone acetylation plays a key role in the regulation of eukaryotic gene expression. Histone acetylation and deacetylation are catalyzed by multisubunit complexes. The protein encoded by this gene is a component of the histone deacetylase complex, which includes SIN3, SAP18, HDAC1, HDAC2, RbAp46, RbAp48, and other polypeptides. This complex is active in deacetylating core histone octamers, but inactive in deacetylating nucleosomal histones. A pseudogene of this gene is located on chromosome 3.
Size	100 ul
Storage Buffer	1X Sample Buffer (50 mM Tris-HCl, 2% SDS, 10% glycerol, 300 mM 2-mercaptoethanol, 0.01% Bromophenol blue)
Applications	Western Blot;

GENE INFORMATION

Gene Name	SAP30 Sin3A-associated protein, 30kDa [Homo sapiens]
Official Symbol	SAP30
Synonyms	SAP30; Sin3A-associated protein, 30kDa; sin3A associated protein, 30kDa; histone

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	deacetylase complex subunit SAP30; sin3-associated polypeptide p30; 30 kDa Sin3-associated polypeptide; Sin3-associated polypeptide, 30kDa; sin3-associated polypeptide, 30 kDa; Sin3 corepressor complex subunit SAP30;
Gene ID	8819
mRNA Refseq	NM_003864
Protein Refseq	NP_003855
MIM	603378
UniProt ID	O75446
Chromosome Location	4q34.1
Pathway	Delta-Notch Signaling Pathway, organism-specific biosystem; Hedgehog signaling events mediated by Gli proteins, organism-specific biosystem; Regulation of Telomerase, organism-specific biosystem; Regulation of nuclear SMAD2/3 signaling, organism-specific biosystem; Signaling events mediated by HDAC Class I, organism-specific biosystem;
Function	DNA binding; metal ion binding; protein binding; transcription corepressor activity;