

## Recombinant Human SAP30 cell lysate

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

### SPECIFICATION

<b>Species</b>	Human
<b>Description</b>	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.
<b>Size</b>	100 ul
<b>Storage Buffer</b>	1X Sample Buffer (50 mM Tris-HCl, 2% SDS, 10% glycerol, 300 mM 2-mercaptoethanol, 0.01% Bromophenol blue)
<b>Applications</b>	Western Blot;

### GENE INFORMATION

<b>Gene Name</b>	SAP30 Sin3A-associated protein, 30kDa [ Homo sapiens ]
<b>Official Symbol</b>	SAP30
<b>Synonyms</b>	SAP30; Sin3A-associated protein, 30kDa; sin3A associated protein, 30kDa; histone deacetylase complex subunit SAP30; sin3-associated polypeptide p30; 30 kDa Sin3-

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	associated polypeptide; Sin3-associated polypeptide, 30kDa; sin3-associated polypeptide, 30 kDa; Sin3 corepressor complex subunit SAP30;
<b>Gene ID</b>	<a href="#">8819</a>
<b>mRNA Refseq</b>	<a href="#">NM_003864</a>
<b>Protein Refseq</b>	<a href="#">NP_003855</a>
<b>MIM</b>	<a href="#">603378</a>
<b>UniProt ID</b>	<a href="#">O75446</a>
<b>Chromosome Location</b>	4q34.1
<b>Pathway</b>	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;
<b>Function</b>	DNA binding; metal ion binding; protein binding; transcription corepressor activity;

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