

Recombinant Human SAP18 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. SAP18-4660H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	SAP18 MS Standard C13 and N15-labeled recombinant protein (NP_005861) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
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, SAP30, HDAC1, HDAC2, RbAp46, RbAp48, and other polypeptides. This protein directly interacts with SIN3 and enhances SIN3-mediated transcriptional repression when tethered to the promoter. A pseudogene has been identified on chromosome 2.
Molecular Mass	17.6 kDa
AA Sequence	MAVESRVTQEEIKKEPEKPIDREKTCPLLLRVFTTNNGRHHRMDEFSGNVPSSSELQ IYTWMDATLKELTSLVKEVYPEARKKGTHFNFAIVFTDVKRPGYRVKEIGSTMSGRK GTDDSMTLQSQKFQIGDYLDIAITPPNRAPPTSGRMRPYTRTRPLEQKLISEEDLAAN DILDYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Stability	Stable for 3 months from receipt of products under proper storage and handling conditions.
Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
Concentration	50 µg/mL as determined by BCA
Storage Buffer	100 mM glycine, 25 mM Tris-HCl, pH 7.3.

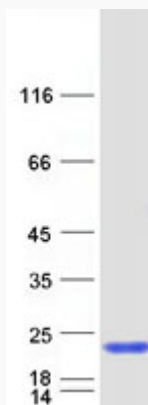
GENE INFORMATION

Gene Name	SAP18 Sin3A associated protein 18 [Homo sapiens (human)]
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

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SDS-PAGE

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