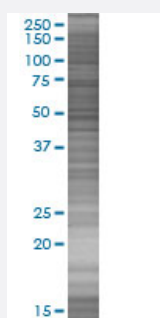


# SAP18 293T Cell Transient Overexpression Lysate(Denatured)

Catalog # H00010284-T01

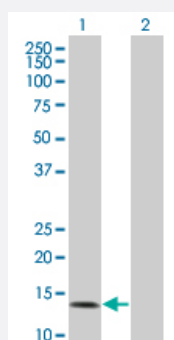
Size 100 uL

## Applications



### SDS-PAGE Gel

SAP18 transfected lysate.



### Western Blot

Lane 1: SAP18 transfected lysate ( 16.94 KDa)

Lane 2: Non-transfected lysate.

## Specification

Transfected Cell Line	293T
Plasmid	pCMV-SAP18 full-length
Host	Human
Theoretical MW (kDa)	16.94
Interspecies Antigen Sequence	Mouse (98); Rat (98)

**Quality Control Testing**

Transient overexpression cell lysate was tested with Anti-SAP18 antibody ([H00010284-B01](#)) by Western Blots.  
SDS-PAGE Gel  
SAP18 transfected lysate.  
Western Blot  
Lane 1: SAP18 transfected lysate ( 16.94 KDa)  
Lane 2: Non-transfected lysate.

**Storage Buffer**

1X Sample Buffer (50 mM Tris-HCl, 2% SDS, 10% glycerol, 300 mM 2-mercaptoethanol, 0.01% Bromophenol blue)

**Storage Instruction**

Store at -80°C. Aliquot to avoid repeated freezing and thawing.

## Applications

- Western Blot

## Gene Info — SAP18

**Entrez GeneID**

[10284](#)

**GeneBank Accession#**

[NM\\_005870.3](#)

**Protein Accession#**

-

**Gene Name**

SAP18

**Gene Alias**

2HOR0202, MGC27131, SAP18P

**Gene Description**

Sin3A-associated protein, 18kDa

**Omim ID**

[602949](#)

**Gene Ontology**

[Hyperlink](#)

**Gene Summary**

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. [provided by RefSeq]

**Other Designations**

OTTHUMP00000018107|cell growth inhibiting protein 38|histone deacetylase complex subunit SAP18|sin3-associated polypeptide, p18