

## Product datasheet for **TP305607L**

### SAP18 (NM\_005870) Human Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human Sin3A-associated protein, 18kDa (SAP18), 1 mg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC205607 protein sequence <b>Red</b> =Cloning site <b>Green</b> =Tags(s)
	MAVESRVTQEEIKKEPEKPIDREKTCPLLLRVFTTNGRHHRMDEF SRGNVPSSSELQIYTWMDATLKELT SLVKEVYPEARKKGGTHFNFAIVFTDVKRPGYRVKEIGSTMSGRKGTDDSM TLQSQKFQIGDYLDIAITPP NRAPPTSGRMRPY
	<b>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</b>
Tag:	C-Myc/DDK
Predicted MW:	17.4 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	<a href="#">NP_005861</a>
Locus ID:	10284
UniProt ID:	<a href="#">O00422</a>
RefSeq Size:	2318



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Cytogenetics: 13q12.11

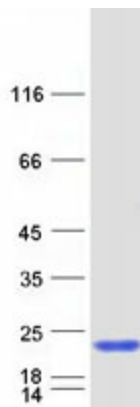
RefSeq ORF: 459

Synonyms: 2HOR0202; SAP18P

**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, Dec 2008]

**Protein Families:** Druggable Genome, Transcription Factors

### Product images:



Coomassie blue staining of purified SAP18 protein (Cat# [TP305607]). The protein was produced from HEK293T cells transfected with SAP18 cDNA clone (Cat# [RC205607]) using MegaTran 2.0 (Cat# [TT210002]).