

## Product datasheet for **AR09221PU-N**

### SAP18 (20-172, His-tag) Human Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	SAP18 (20-172, His-tag) human recombinant protein, 0.1 mg
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	<u>MGSSHHHHHH SSGLVPRGSH</u> MAVESRVTQE EIKKEPEKPI DREKTCPLLL RVFTTNNGRH HRMDEF SRGN VPSSSELQIYT WMDATLKELT SLVKEVYPEA RKKGTHFNFA IVFTDVKRPG YRVKEIGSTM SGRKGTDDSM TLQSQKFQIG DYLDIAITPP NRAPPPSGRM RPY
Tag:	His-tag
Predicted MW:	19.7 kDa
Concentration:	lot specific
Purity:	>90% by SDS - PAGE
Buffer:	Presentation State: Purified State: Liquid purified protein Buffer System: 20 mM Tris-HCl buffer (pH 8.0) containing 0.1 M NaCl, 30% glycerol, 1 mM DTT
Endotoxin:	< 1.0 EU per 1 µg of protein (determined by LAL method )
Preparation:	Liquid purified protein
Protein Description:	Recombinant SAP18 protein, fused to His-tag, was expressed in E.coli and purified by using conventional chromatography techniques.
Storage:	Store undiluted at 2-8°C for up to two weeks or (in aliquots) at -20°C or -70°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
RefSeq:	<u>NP_005861</u>
Locus ID:	10284
UniProt ID:	<u>O00422</u>
Cytogenetics:	13q12.11
Synonyms:	2HOR0202; SAP18P



[View online »](#)

**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:**