

Product information



SAP18, 20- 172 aa

Human, His-tagged, Recombinant, *E.coli*

Cat. No. IBATGP0340

Full name: Sin3A-associated protein, 18kDa

NCBI Accession No.: NP_005861

Synonyms: 2HOR0202, SAP18P

Description: SAP18, also known as Sin3A-associated protein, is component of the histone deacetylase complex that plays an important role in the regulation of eukaryotic gene expression. This protein directly interacts with SIN3 and enhances SIN3-mediated transcriptional repression when tethered to the promoter. It also has been shown to play a key role in gene-specific recruitment of the HDAC complex by a number of transcription factors including Gli, GAGA, and Bicoid. Recombinant SAP18 protein was expressed in *E.coli* and purified by using conventional chromatography techniques.

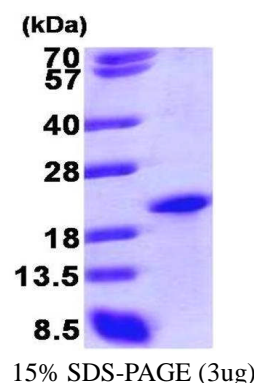
Form: Liquid. In 20mM Tris-HCl buffer (pH8.0) containing 0.1M NaCl,
30% glycerol, 1mM DTT

Molecular Weight: 19.7 kDa (173 aa)

Purity: > 90% by SDS - PAGE

Concentration: 0.5 mg/ml (determined by Bradford assay)

Endotoxin Level: < 1.0 EU per 1 µg of protein (determined by LAL method)



Sequences of amino acids:

MGSSHHHHHH SSGLVPRGSH MAVESRVTQE EIKKEPEKPI DREKTCPLLL RVFTTNGRH HRMDEFSRGN VPSSSELQIYT WMDATLKELT
SLVKEVYPEA RKKGTHFNFA IVFTDVKRPG YRVKEIGSTM SGRKGTDDSM TLQSQKFQIG DYLDIAITPP NRAPPPSGRM RPY

General references:

Zhang Y., *et al.* (1997) *Cell*. 89(3):357-64.

Matyash A, *et al.* (2009) *J Biol Chem*. 284(5):3012-20.

WARNING: THIS PRODUCT IS NOT INTENDED OR APPROVED FOR HUMAN, DIAGNOSTICS OR VETERINARY USE. USE OF THIS PRODUCT FOR HUMAN OR ANIMAL TESTING IS EXTREMELY HAZARDOUS AND MAY RESULT IN DISEASE, SEVERE INJURY, OR DEATH.

Product information



Storage: Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C.
Avoid repeated freezing and thawing cycles.

WARNING: THIS PRODUCT IS NOT INTENDED OR APPROVED FOR HUMAN, DIAGNOSTICS OR VETERINARY USE. USE OF THIS PRODUCT FOR HUMAN OR ANIMAL TESTING IS EXTREMELY HAZARDOUS AND MAY RESULT IN DISEASE, SEVERE INJURY, OR DEATH.