

SAP18, 20- 172 aa, Human, His-tagged, Recombinant, E.coli

Cat.NO.: TP03849

3th Edition

Synonyms:Sin3A-associated protein, 18kDa, 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.

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

Molecular Weight:19.7 kDa (173 aa)

Sequences:

MGSSHHHHHHSSGLVPRGSHMAVESRV TQEEIKKEPEKPIDREKTCPLLLRVFTTNNGRHHRMDEF SRGNVPSSE
LQIYTWMDATLKELTSLVKEVYPEARKKGFHNF AIVFTDVKRPGYRVKEIGSTMSGRKGTDD SMTLQSQKFQIGD
YLDIAITPPNRAPPPSGRMRPY

Purity:> 95% by HPLC

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

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

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.