

AR51015PU-N**Human SET (1-290, His-tag) - Purified**

Alternate names:	2PP2A, I2PP2A, IGAAD, IPP2A2, PHAPII, Protein SET isoform 1, TAF-I, TAF-IBETA
Quantity:	0.5 mg
Concentration:	0.5 mg/ml (determined by Bradford assay)
Background:	SET inhibits acetylation of nucleosomes, especially histone H4, by histone acetylases (HAT). This inhibition is most likely accomplished by masking histone lysines from being acetylated, and the consequence is to silence HAT-dependent transcription. The p
Uniprot ID:	H0UJ37
NCBI:	NP_001116293
GeneID:	100130890
Species:	Human
Source:	E. coli
Format:	State: Liquid purified protein Purity: >90% by SDS - PAGE Buffer System: 20 mM Tris-HCl buffer (pH 8.0) containing 0.15M NaCl, 20% glycerol, 1mM DTT.
Description:	AA Sequence: MGSSHHHHHH SGLVPRGSH MGSMAKPKRS PLPPQKKKPR PPPALGPEET SASAGLPKKG EKEQQEAIEH IDEVQNEIDR LNEQASEEIL KVEQKYNKLR QPFFQKRSEL IAKIPNFWVT TFVNHPQVSA LLGEEDEEAL HYLTRVEVTE FEDIKSGYRI DFYFDENPYF ENKVLKSEFH LNEGDPSSK STEIKWKS GK DLTKRSSQTQ NKASRKRQHE EPESFFTWFT DHSDAGADEL GEVIKDDIWP NPLQYYLVPD MDDEEGEGEE DDDDEEEEG LEDIDEEGDE DEGEDEDDDD EGEEGEEDEG EDD Molecular weight: 35.9 kDa (313aa), confirmed by MALDI-TOF(Molecular size on SDS-PAGE will appear higher)
Storage:	Store undiluted at 2-8°C for one week or (in aliquots) at -20°C to -80°C for longer. Avoid repeated freezing and thawing. Shelf life: one year from despatch.
General Readings:	Karetsou Z, Emmanouilidou A, et al. (2009). BMC Biochem. 10:10. Li M, Makkinje A, et al. (1996). J Biol Chem. 271(19):11059-62.

Pictures:

