

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

<b>Alternate names:</b>	2PP2A, I2PP2A, IGAAD, IPP2A2, PHAPII, Protein SET isoform 1, TAF-I, TAF-IBETA
<b>Quantity:</b>	0.1 mg
<b>Concentration:</b>	0.5 mg/ml (determined by Bradford assay)
<b>Background:</b>	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
<b>Uniprot ID:</b>	<a href="#">H0UJ37</a>
<b>NCBI:</b>	<a href="#">NP_001116293</a>
<b>GeneID:</b>	<a href="#">100130890</a>
<b>Species:</b>	Human
<b>Source:</b>	E. coli
<b>Format:</b>	<b>State:</b> Liquid purified protein <b>Purity:</b> >90% by SDS - PAGE <b>Buffer System:</b> 20 mM Tris-HCl buffer (pH 8.0) containing 0.15M NaCl, 20% glycerol, 1mM DTT.
<b>Description:</b>	<b>AA Sequence:</b> MGSSHHHHHH SSGLVPRGSH MGSMAKPKRQS PLPPQKKKPR PPPALGPEET SASAGLPKKG EKEQQEAIEH IDEVQNEIDR LNEQASEEIL KVEQKYNKLR QPFFQKRSEL IAKIPNFWVT TFVNHPQVSA LLGEEDEEAL HYLTRVEVTE FEDIKSGYRI DFYFDENPYF ENKVLKSEFH LNESGDPSSK STEIKWKS GK DLTKRSSQTQ NKASRKRQHE EPESFFTWF T DHS DAGADEL GEVIKDDIWP NPLQYYLVPD MDDEEGEGEE DDDDEEEEG LEDIDEEGDE DEGEDEDDDD EGEEGEEDEG EDD <b>Molecular weight:</b> 35.9 kDa (313aa), confirmed by MALDI-TOF(Molecular size on SDS-PAGE will appear higher)
<b>Storage:</b>	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.
<b>General Readings:</b>	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:

