

Product datasheet for PH307606

SET (NM_003011) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	SET MS Standard C13 and N15-labeled recombinant protein (NP_003002)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC207606
Predicted MW:	32.1 kDa
Protein Sequence:	>RC207606 protein sequence Red=Cloning site Green=Tags(s) MSAPAAKVSKKELNSNHGADETSEKEQQEAIEHIDEVQNEIDRLNEQASEEILKVEQKYNKLRQPFFQK RSELI AKIPNFWVTTFFVNHPQVSALLGEEDEEALHYLTRVEVTEFEDIKSGYRIDFYFDENPYFENKVL S KEFHLNESGDPSSKSTEIKWKS GDLTKRSSQTQNKASRKRQHEEPESFFTFWTDHSDAGADELGEVIKD DIWPNPLQYYLVPMDDEEGEGEEDDDDEEEGLEIDEEGDEDEGEDEDDDEEGEGEEDGEDD TRTRPLEQKLI SEEDLAANDILDYKDDDDKV
Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- 13C6, 15N4]-L-Arginine and [U- 13C6, 15N2]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	NP_003002
RefSeq Size:	2936
RefSeq ORF:	831
Synonyms:	2PP2A; I2PP2A; IGAAD; IPP2A2; MRD58; PHAPII; TAF-I; TAF-IBETA
Locus ID:	6418
UniProt ID:	Q01105 , A0A024R895



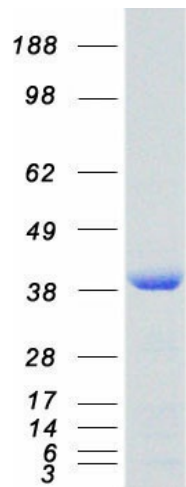
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Cytogenetics: 9q34.11

Summary: The protein encoded by this gene 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 encoded protein is part of a complex localized to the endoplasmic reticulum but is found in the nucleus and inhibits apoptosis following attack by cytotoxic T lymphocytes. This protein can also enhance DNA replication of the adenovirus genome. Several transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Oct 2011]

Protein Families: Druggable Genome, Phosphatase, Stem cell - Pluripotency

Product images:



Coomassie blue staining of purified SET protein (Cat# [TP307606]). The protein was produced from HEK293T cells transfected with SET cDNA clone (Cat# [RC207606]) using MegaTran 2.0 (Cat# [TT210002]).