

Recombinant Human SET Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. SET-5914H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	SET MS Standard C13 and N15-labeled recombinant protein (NP_003002) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	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.
Molecular Mass	32.1 kDa
AA Sequence	MSAPAAKVSKKELNSNHDGADETSEKEQQEAIHIDEVQNEIDRLNEQASEEILKVE QKYNKLRQPFFQKRSELIKIPNFWVTFVNHHPQVSALLGEEDEEALHYLTRVEVTE FEDIKSGYRIDFYFDENPYFENKVLSKEFHLNESGDPSSKSTEIKWKSGKDLTKRSS QTQNKASRKQRQHEEPESFFTWFTHSDAGADELGEVIKDDIWPNPLQYYLVPDMD DEEGEGEEDDDDDDEEEGLEIDEEGDEDEGEDEDDDEGEEGEEDEGEDDTRTR

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	PLEQKLISEEDLAANDILDYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 3 months from receipt of products under proper storage and handling conditions.
Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
Concentration	50 µg/mL as determined by BCA
Storage Buffer	100 mM glycine, 25 mM Tris-HCl, pH 7.3.
GENE INFORMATION	
Gene Name	SET SET nuclear oncogene [Homo sapiens (human)]
Official Symbol	SET
Synonyms	SET; SET nuclear oncogene; SET translocation (myeloid leukemia associated); protein SET; 2PP2A; IPP2A2; PHAPII; protein phosphatase type 2A inhibitor; Template Activating Factor I; chromatin remodelling factor; HLA-DR-associated protein II; phosphatase 2A inhibitor I2PP2A; inhibitor-2 of protein phosphatase-2A; inhibitor of granzyme A-activated DNase; SET translocation (myeloid leukemia-associated); Template-Activating Factor-I, chromatin remodelling factor; IGAAD; TAF-I; I2PP2A; TAF-IBETA;
Gene ID	6418
mRNA Refseq	NM_003011

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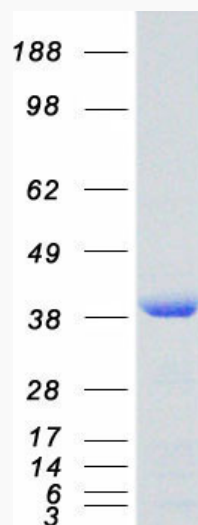
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Protein Refseq NP_003002

MIM 600960

UniProt ID Q01105

SDS-PAGE



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