

Recombinant Full Length Human SET Protein

Cat. No. SET-466HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant full length Human SET isoform 2 with N terminal proprietary tag, 55.88 kDa.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	277 amino acids
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.
Form	Liquid
Molecular Mass	55.880kDa inclusive of tags
AA Sequence	MSAPAAKVSKKELNSNHDGADETSEKEQQEAIEHIDEVQN EIDRLNEQASEEILKVE QKYNKLRQPFFQKRSELIKIPN FWVTTFFVNHPQVSALLGEEDEEALHYLTRVEVTE FEDIKS GYRIDFYFDENPYFENKVLKSKEFHLNESGDPSSKSTEIKW KSGKDLTKRSS

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QTQNKASRKRQHEEPESFFTWFTDHS DAG ADELGEVIKDDIWP NPLQYYLV PDMD
DEEGEGEEDDDDDDE EEEGLEIDEEGDEDEGE EDEDDDEGE EGEDEGEDD

Purity Proprietary Purification

Storage Shipped on dry ice. Upon delivery aliquot and store at -80 centigrade. Avoid freeze / thaw cycles.

Storage Buffer pH: 8.00. Constituents:0.79% Tris HCl, 0.31% Glutathione.

GENE INFORMATION

Gene Name [SET SET nuclear oncogene \[Homo sapiens \]](#)

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

Gene ID [6418](#)

mRNA Refseq [NM_001122821](#)

Protein Refseq [NP_001116293](#)

MIM [600960](#)

UniProt ID [Q01105](#)

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