

Recombinant Full Length Human SET nuclear oncogene Protein, Flag tagged

Cat. No. SET-02HFL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant protein of human SET nuclear oncogene (SET), transcript variant 2 with C-Flag tag was expressed in HEK293T.
Species	Human
Source	HEK293
ProteinLength	1-290 aa
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.
Tag	C-Flag
Molecular Mass	31.9 kDa
AA Sequence	MSAPAAKVSKKELNSNHDGADETSEKEQQEAIEHIDEVQNEIDRLNEQASEEILKVE QKYNKLRQPFFQKRSELIKIPNFWVTFVNHQPQVSALLGEEDEEALHYLTRVEVTE

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

FEDIKSGYRIDFYFDENPYFENKVLSKEFHLNESGDPSSKSTEIKWKSGKDLTKRSS
 QTQNKASRKQHEEPESFFTWFTHSDAGADELGEVIKDDIWPNPLQYYLVPDMD
 DEEGEGEEDDDDDDEEEEGLEDIDEEGDEDEGEDEEDDDDEGEEGEEDEGEDDTRTR
 PLEQKLISEEDLAANDILDYKDDDDKV

Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Notes	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade.
Storage Buffer	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Concentration	>0.05 µg/µL as determined by microplate BCA method

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; 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-

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

I; I2PP2A; TAF-IBETA

Gene ID 6418

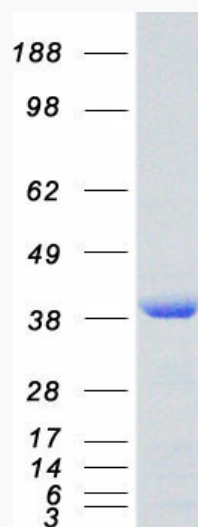
mRNA Refseq NM_003011

Protein Refseq NP_003002

MIM 600960

UniProt ID Q01105

SDS-PAGE



 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA