

Product datasheet for **SC216283**

SET (NM_003011) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	SET (NM_003011) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	SET
Synonyms:	2PP2A; I2PP2A; IGAAD; IPP2A2; MRD58; PHAPII; TAF-I; TAF-IBETA
ACCN:	NM_003011
Insert Size:	1762 bp



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Insert Sequence: >SC216283 3'UTR clone of NM_003011
 The sequence shown below is from the reference sequence of NM_003011. The complete sequence of this clone may contain minor differences, such as SNPs.
 Blue=Stop Codon Red=Cloning site

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
GGAGAGGAGGATGAAGGAGAAGATGACTAATAGAACACTGATGGATTCCAACTTCCTTTTTTTAAAT
TTTCTCCAGTCCCTGGGAGCAAGTTGCAGTCTTTTTTTTTTTTTTTTTTTTTTTTCCCTCTGTGTCTCA
GTCGCCCTGTTCTTGAGGTCTCTTTTCTACTCCATGGTTCTCAATTTATTTGGGGGAAATACCTTG
AGCAGAATACAATGGGAAAAGAGTCTCTACCCCTTTCTGTTTGAAGTTCATTTTTATCCCTTCTGTCT
GAACAAAACTGTATGGAATCAACACCACCGAGCTCTGTGGGAAAAAAGAAAAACCTGCTCCCTTCGCT
CTGCTGGAAGCTGGAGGGTGTAGGCCCTGTGTAGTAGTGCATAGAATTCTAGCTTTTTTCCCTCTTT
CTCTGTATATTGGGCTCAGAGAGTACACTGTGTCTCTATGTGAATATGGACAGTTAGCATTACCAACA
TGTATCTGTCTACTTTCTTTGTTTAAAAAAGAAAAAACTTAAAAAATGGGGTTATAGAAGGTC
AGCAAAGGGTGGGTTTGAGATGTTGGGTGGGTTAAGTGGGCATTTTGACAAACATGGCTTCTCTTTGG
CATGTTTAATTGTGATATTTGACAGACATCCTTGCAAGTTAAGATGACACTTTTAAAAATAAATTCTCTC
CTAATGATGACTTGAGCCCTGCCACTCAATGGGAGAATCAGCAGAACCTGTAGGATCTTATTTGGAATT
GACATTCTCTATTGTAATTTTGTTCCTGTTATTTTTAAATTTTCTTTTTGTTTCACTGGAAAGGAAAG
ATGATGCTCAGTTTTAACGTTAAAAGTGTACAAGTTGCTTTGTTACAATAAACTAAATGTGTACACA
AAGGATTTGATGCTTTTCTCAGCATAGGTATGCTTACTATGACCTTCCAAGTTGACTTGTATAACA
TCACTGTCAAACCTTTGTACCCTAACTTCGTATTTTTGATACGCACTTGCAGGATGACCTCAGGGCT
ATGTGGATTGAGTAATGGGATTTGAATCAATGTATTAATCTCCATAGCTGGGAAACGTGGGTTCAAT
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TGTGCCCTTGATTTTTATCTCCAAGTGGCAGTTTTTAAAATTGGCCTTTTACCTGGATATAAATTAATT
GTGCCCTGCCACCACCATCCAACAGACCTGGTGCTAATGCCAAGTTATACACGGGACAGTTGCTGGCA
TGTCTTCATTGGCTATATAAAATGTGGCCAAGAAGATAGGCTCTCAGTAAGAAGTCTGATGGTGAGCAG
TAACTGTCCCTGCTTTCTGGTATAAAGCTCTCAAATGTGACCATGTGAATCTGGTGGGATAATGGACT
CAGCTCTGTCTGCTCAATGCCATTGTGCAGAGAAGCACCTAATGCATAAGCTTTTTAATGCTGTAATA
TATAGTCGCTGAAATTAATGCCACTTTTTCAGAGGTGAATTAATGGACAGTCTGGTGAACCTCAAAG
CTTTTTGATGTATAAACTTGATAAATGGAACCTTCCATCAATAGGCAAAAGTGAACAACCTATCTA
GATGGATAGTATGTAATTTCTGCACAGGTCTCTGTTTAGTAAATACATCACTGTATACCGATCAGGAAT
CTTGCTCCAATAAAGGAACATAAAGATTTTTTTTGGGA
ACGCGTAAGCGGCCGCGGCATCTAGATTGAAAGAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
  
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Restriction Sites: Sgfl-MluI

OTI Disclaimer: Our molecular clone sequence data has been matched to the sequence identifier above as a point of reference. Note that the complete sequence of this clone is largely the same as the reference sequence but may contain minor differences , e.g., single nucleotide polymorphisms (SNPs).

Components: The cDNA clone is shipped in a 2-D bar-coded Matrix tube as 10 ug dried plasmid DNA. The package also includes 100 pmols of both the corresponding 5' and 3' vector primers in separate vials.

RefSeq: [NM_003011.4](#)

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]

Locus ID:

6418

MW:

67.6