SET Lysate – Tissue Lysate

PRODUCT OVERVIEW

Product Name	SET, Lysate
Full Product Name	Human SET Protein Lysate
Product Gene Name	SET lysate
Product Synonym Names	SET; 2PP2A; I2PP2A; IGAAD; IPP2A2; PHAPII; TAF-I; TAF-IBETA
Host	Human
Form/Format	Lyophilized
Preparation and Storage	Store at -20 degree C Once reconsituted, aliquot and store any remaining material at-20 degree C to avoid repeated freeze-thaw cycles.
Molecular Weight	32kDa
3D Structure	ModBase 3D Structure for B2RCX0
Related Product Information for SET lysate	Human SET Protein Lysate 20ug is provided as a Lyophilized powder. This is a Recombinant Protein Lysate produced in HEK293T cells. This protein lysate can be reconsituted using SDS Sample Buffer.
Other Notes	Small volumes of SET lysate vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.
Searchable Terms for SET purchase	MBS8419310 is a lysate targeting SET. Also known as Human SET Protein Lysate. Host: Human.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for SET. It may not necessarily be applicable to this product.

NCBI GI #	170763498
NCBI GeneID	6418
NCBI Accession #	NP_003002
UniProt Primary Accession #	B2RCX0
UniProt Related Accession #	Q01105
GenBank Nucleotide #	NM_003011
NCBI Official Full Name	protein SET isoform 2
NCBI Official Synonym Full Names	SET nuclear proto-oncogene
NCBI Official Symbol	SET
NCBI Official Synonym Symbols	2PP2A; IGAAD; MRD58; TAF-I; I2PP2A; IPP2A2; PHAPII; TAF-IBETA
Protein Family	Protein
NCBI Protein Information	protein SET

NCBI Summary for SET	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]
Research Articles on SET	**1.** hsa_circ_0000673 promoted hepatocellular carcinoma malignant behaviors via regulating miR-767-3p/SET pathway.
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