Diamine Acetyltransferase 2 (SAT2) Human Recombinant Protein

PRODUCT OVERVIEW

Product Name	Diamine acetyltransferase 2 (SAT2), Recombinant Protein
Full Product Name	Recombinant Human Diamine acetyltransferase 2 (SAT2)
Product Gene Name	SAT2 recombinant protein
Product Synonym Gene Name	SAT2
Sequence	MASVRIREAK EGDCGDILRL IRELAEFEKL SDQVKISEEA LRADGFGDNP FYHCLVAEIL PAPGKLLGPC VVGYGIYYFI YSTWKGRTIY LEDIYVMPEY RGQGIGSKII KKVAEVALDK GCSQFRLAVL DWNQRAMDLY KALGAQDLTE AEGWHFFCFQ GEATRKLAGK
Host	E Coli or Yeast or Baculovirus or Mammalian Cell
Form/Format	Lyophilized or liquid (Format to be determined during the manufacturing process)
Purity/Purification	Greater or equal to 85% purity as determined by SDS-PAGE. (lot specific)
Preparation and Storage	Store at -20 degrees C. For long-term storage, store at -20 degrees C or -80 degrees C. Store working aliquots at 4 degrees C for up to one week. Repeated freezing and thawing is not recommended.
Molecular Weight	19,155 Da
Sequence Positions	1-170, Full length protein
Tag Information	This protein contains an N-terminal tag and may also contain a C-terminal tag. Tag types are determined by various factors including tag-protein stability, please inquire for tag information.
Sterility	Sterile filter available upon request.
Endotoxin	Low endotoxin available upon request.
OMIM	611463
3D Structure	ModBase 3D Structure for Q96F10
Species	Human
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for SAT2 recombinant protein	MBS1475754 is a recombinant protein targeting SAT2. Also known as Recombinant Human Diamine acetyltransferase 2 (SAT2). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of SAT2 recombinant protein 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.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for SAT2. It may not necessarily be applicable to this product.

NCBI GI #	1003701468
NCBI GeneID	112483
NCBI Accession #	NP_001307775.1
UniProt Primary Accession #	Q96F10
UniProt Related Accession #	Q96F10

GenBank Nucleotide #	NM_001320846.1
NCBI Official Full Name	diamine acetyltransferase 2 isoform 2
NCBI Official Synonym Full Names	spermidine/spermine N1-acetyltransferase family member 2
NCBI Official Symbol	SAT2
NCBI Official Synonym Symbols	SSAT2
UniProt Protein Name	Diamine acetyltransferase 2
UniProt Synonym Protein Names	Polyamine N-acetyltransferase 2; Spermidine/spermine N(1)-acetyltransferase 2; Thialysine N-epsilon-acetyltransferase
Protein Family	Diamine acetyltransferase
UniProt Gene Name	SAT2
UniProt Synonym Gene Names	SSAT2
NCBI Protein Information	diamine acetyltransferase 2
UniProt Comments for SAT2	Enzyme which catalyzes the acetylation of polyamines. Substrate specificity: norspermidine > spermidine = spermine >> N1acetylspermine = putrescine.
Research Articles on SAT2	**1.** Observational study of gene-disease association and gene-environment interaction. (HuGE Navigator)
Precautions	All of MyBioSource's Products are for scientific laboratory research purposes and are not for diagnostic, therapeutics, prophylactic or in vivo use. Through your purchase, you expressly represent and warrant to MyBioSource that you will properly test and use any Products purchased from MyBioSource in accordance with industry standards. MyBioSource and its authorized distributors reserve the right to refuse to process any order where we reasonably believe that the intended use will fall outside of our acceptable guidelines.
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