Sulfate Adenylyltransferase (sat) Bacillus Licheniformis Recombinant Protein

PRODUCT OVERVIEW

Product Name	Sulfate adenylyltransferase (sat), Recombinant Protein
Full Product Name	Recombinant Bacillus licheniformis Sulfate adenylyltransferase (sat)
Product Gene Name	sat recombinant protein
Product Synonym Gene Name	sat
Sequence	MSLAPHGGVL VNRVNEAYDF QHIAHEIELD VMAFSDLELI GIGAYSPLQG FMTEKDYLSV FENMRLSSGE VWTLPITLPV DEQKALSLKA GDTVRLTYNG ETYGVIEIED IYTPDKKTEA VNIYKTDELE HPGVKKLFDR GSVYVGGPIT LIKRSVKQFP AHTFEPLETR KKFAELGWKT IVGFQTRNPV HRAHEYIQKT ALETVDGLFL NPLVGETKSD DIPADVRMES YQVLLDGYYP KDRVFLGVFP AAMRYAGPKE AIFHALVRKN YGCTHFIVGR DHAGVGDYYG TYEAQELFDQ FAPEEIGITP LKFEHSFYCN VCGSMATAKT CPHGKEHHVI LSGTKVRAML RSGEFPPSTF SRPEVIQTLI KGLAAGVS
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	42,248 Da
Sequence Positions	1-378, Full length
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.
3D Structure	ModBase 3D Structure for Q65JT9
Species	Bacillus licheniformis (strain DSM 13 / 14580)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for sat recombinant protein	MBS1348707 is a recombinant protein targeting sat. Also known as Recombinant Bacillus licheniformis Sulfate adenylyltransferase (sat). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of sat 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 sat. It may not necessarily be applicable to this product.

NCBI GI #	496686994
NCBI GeneID	3030935
NCBI Accession #	WP_009328537.1
UniProt Primary Accession #	Q65JT9

UniProt Secondary Accession #	Q62V94
UniProt Related Accession #	Q65JT9
GenBank Nucleotide #	WP_009328537.1
NCBI Official Full Name	MULTISPECIES: sulfate adenylyltransferase
NCBI Official Symbol	sat
UniProt Protein Name	Sulfate adenylyltransferase
UniProt Synonym Protein Names	ATP-sulfurylase
Protein Family	Serine protease sat autotransporter
UniProt Gene Name	sat
UniProt Synonym Gene Names	SAT
NCBI Protein Information	sulfate adenylyltransferase
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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