Sulfate Adenylyltransferase (sat) Halothermothrix Orenii Recombinant Protein

PRODUCT OVERVIEW

Product Name	Sulfate adenylyltransferase (sat), Recombinant Protein
Full Product Name	Recombinant Halothermothrix orenii Sulfate adenylyltransferase (sat)
Product Gene Name	sat recombinant protein
Sequence	MIKPHGGKLV NRIVEGAKRE ELIKKAGEMP RIMLNRDELT AVDNIATGLF SPLEGFLTSE DYNRVVEEMR LADGTVWSIP EVLGVTREEA DNLKEGQDVG LYFEEDDELY AILHLEEKYT CDPEREAELV YGTTEEEHPG VKNVYKRDEI LLGGKISLIN RLKYDDFNNY RLTPAETREK IKEKGWQTVV GFQTRNPIHR AHEYLQKCAL ETVDGLFLSP LVGRTKASDI PADIRIKSYE VVLDKFYPRD RTMMVVFPAA MHYAGPREAI FHALCRKNYG CTHFIVGRDH AGVGDYYGTY DAQKIFDEFD PEEIGITPLK FEYSFYCKKC GGMASGKTCP HSADDHIFLS GTRVRKLLRE GKKPPKEMTR PEVAEVLIQG MQQ
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	43,697 Da
Sequence Positions	1-383, 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.
3D Structure	ModBase 3D Structure for B8D0S5
Species	Halothermothrix orenii (strain H 168 / OCM 544 / DSM 9562)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for sat recombinant protein	MBS1258820 is a recombinant protein targeting sat. Also known as Recombinant Halothermothrix orenii 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 #	506404261
NCBI Accession #	WP_015923980.1
UniProt Primary Accession #	B8D0S5
GenBank Nucleotide #	WP_015923980.1
NCBI Official Full Name	sulfate adenylyltransferase

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
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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