Sulfate Adenylyltransferase Subunit 1 (cysN) Teredinibacter Turnerae Recombinant Protein

PRODUCT OVERVIEW

Product Name	Sulfate adenylyltransferase subunit 1 (cysN), Recombinant Protein
Full Product Name	Recombinant Teredinibacter turnerae Sulfate adenylyltransferase subunit 1 (cysN)
Product Gene Name	cysN recombinant protein
Sequence	MSHQSELIET DIDAYLAQHE RKELLRFLTC GSVDDGKSTL IGRLLHDSKM IYEDQLAAVA SDTTKHGTTG EKIDLALLVD GLQAEREQGI TIDVAYRYFS TAKRKFIIAD TPGHEQYTRN MATGASTCDL AVILIDARYG VQTQTRRHSY IASLLGIKHV VVAINKMDLV EFSESRFEEI KQSYLDLSKS LNPAELHFVP MSALDGDNVV NISERTPWYS GKSLMQILET VEIASDKNAD DFRFPVQFVN RPNLNFRGFC GTVASGVVKV GDKVKALPSG KTSTVKSIVT FDGELDEAFV GQAVTLTLAD EIDISRGDMV VLADSEQTLS NRLRAHLVWM SEAELKPGKQ YLFKFASKVT PGVVADIEYR VDVNTFEKSE ESAMQLNDIA VVDVQLEQEV VVDAYQKNRA TGAFIVIDRL TNITVGAGMA IEALASAAAT KGDYSEFEVE LNALVRKHFP HWDAKKIG
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	51,743 Da
Sequence Positions	1-468, 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 C5BSJ5
Species	Teredinibacter turnerae (strain 39867 / T7901)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for cysN recombinant protein	MBS1256757 is a recombinant protein targeting cysN. Also known as Recombinant Teredinibacter turnerae Sulfate adenylyltransferase subunit 1 (cysN). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of cysN 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 cysN. It may not necessarily be applicable to this product.

NCBI GI #	506298470
NCBI Accession #	WP_015818245.1
UniProt Primary Accession #	C5BSJ5
GenBank Nucleotide #	WP_015818245.1

NCBI Official Full Name	sulfate adenylyltransferase
UniProt Protein Name	Sulfate adenylyltransferase subunit 1
UniProt Synonym Protein Names	ATP-sulfurylase large subunit
Protein Family	Sulfate adenylyltransferase
UniProt Gene Name	cysN
UniProt Synonym Gene Names	SAT
UniProt Comments for cysN	May be the GTPase, regulating ATP sulfurylase activity.
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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