Sulfate Adenylyltransferase Subunit 2 (cysD) Saccharophagus Degradans Recombinant Protein

PRODUCT OVERVIEW

Product Name	Sulfate adenylyltransferase subunit 2 (cysD), Recombinant Protein
Full Product Name	Recombinant Saccharophagus degradans Sulfate adenylyltransferase subunit 2 (cysD)
Product Gene Name	cysD recombinant protein
Product Synonym Gene Name	cysD
Sequence	MLDEYKLTHL KQLEAESIHI IREVAAEFDN PVMLYSIGKD SAVMLHLAMK AFAPGKPPFP LMHVDTTWKF KEMIEFRDKY VKELGLELIV HSNQEGIDMG ISPFVHGSAK HTDIMKTQAL KQALDKHGFD AAFGGARRDE EKSRAKERVY SFRDKKHRWD PKNQRPELWN IYNSRVDKGE SIRVFPLSNW TELDIWQYIH LESIPLVPLY FAAKRPVVER DGTLIMVDDD RMPIEPGEKV EEKMVRFRTL GCYPLTGAVE SEATTLPEII QEMLLTTTSE RQGRVIDHDS SGSMEKKKQE GYF
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	35,010 Da
Sequence Positions	1-303, 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 Q21IS4
Species	Saccharophagus degradans (strain 2-40 / 43961 / DSM 17024)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for cysD recombinant protein	MBS1354727 is a recombinant protein targeting cysD. Also known as Recombinant Saccharophagus degradans Sulfate adenylyltransferase subunit 2 (cysD). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of cysD 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 cysD. It may not necessarily be applicable to this product.

NCBI GI #	499787889
NCBI Accession #	WP_011468623.1
UniProt Primary Accession #	Q21IS4
GenBank Nucleotide #	WP_011468623.1

NCBI Official Full Name	sulfate adenylyltransferase subunit 2
UniProt Protein Name	Sulfate adenylyltransferase subunit 2
UniProt Synonym Protein Names	ATP-sulfurylase small subunit
Protein Family	Homocysteine synthase
UniProt Gene Name	cysD
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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