Adenylyl-Sulfate Kinase (cysC) Vibrio Cholerae Serotype O1 Recombinant Protein

PRODUCT OVERVIEW

Product Name	Adenylyl-sulfate kinase (cysC), Recombinant Protein
Full Product Name	Recombinant Vibrio cholerae serotype O1 Adenylyl-sulfate kinase (cysC)
Product Gene Name	cysC recombinant protein
Product Synonym Gene Name	cysC
Sequence	MSKQADSLGF EQDAKPENVV WHRHAVDKAQ RATLKQQRPA VLWFTGLSGA GKSTVAGALE NRLAALGYHT YLLDGDNVRH GLCSDLGFSE QDRRENIRRI GELAKLMSDA GLIVLTAFIS PHRAERQMVR DLLPNGEFLE VYVNTSLDVC EARDPKGLYK KARAGEIRQF TGIDSAYEAP LNPDIDLPAG EKSVDELVAQ CLQALAERHI IQRWV
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	23,906 Da
Sequence Positions	1-215, 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 Q9KP21
Species	Vibrio cholerae serotype O1 (strain 39315 / El Tor Inaba N16961)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for cysC recombinant protein	MBS1342756 is a recombinant protein targeting cysC. Also known as Recombinant Vibrio cholerae serotype O1 Adenylyl-sulfate kinase (cysC). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of cysC 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 cysC. It may not necessarily be applicable to this product.

NCBI GI #	15642553
NCBI GeneID	2615575
NCBI Accession #	NP_232186.1
UniProt Primary Accession #	Q9KP21
UniProt Related Accession #	Q9KP21
GenBank Nucleotide #	NC_002505.1

NCBI Official Full Name	adenylylsulfate kinase
NCBI Official Symbol	VC2558
UniProt Protein Name	Adenylyl-sulfate kinase
UniProt Synonym Protein Names	APS kinase; ATP adenosine-5'-phosphosulfate 3'-phosphotransferase; Adenosine-5'-phosphosulfate kinase
Protein Family	Adenylyl-sulfate kinase
UniProt Gene Name	cysC
NCBI Protein Information	adenylyl-sulfate kinase
UniProt Comments for cysC	Catalyzes the synthesis of activated sulfate.
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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