Carbamate Kinase 1 (arcC1) Staphylococcus Aureus Recombinant Protein

PRODUCT OVERVIEW

Product Name	Carbamate kinase 1 (arcC1), Recombinant Protein
Full Product Name	Recombinant Staphylococcus aureus Carbamate kinase 1 (arcC1)
Product Gene Name	arcC1 recombinant protein
Product Synonym Gene Name	arcC1
Sequence	MAKIVVALGG NALGKSPQEQ LELVKNTAKS LVGLITKGHE IVISHGNGPQ VGSINLGLNY AAEHNQGPAF PFAECGAMSQ AYIGYQLQES LQNELHSIGM DKQVVTLVTQ VEVDENDPAF NNPSKPIGLF YNKEEAEQIQ KEKGFIFVED AGRGYRRVVP SPQPISIIEL ESIKTLIKND TLVIAAGGGG IPVIREQHDG FKGIDAVIDK DKTSALLGAN IQCDQLIILT AIDYVYINFN TENQQPLKTT NVDELKRYID ENQFAKGSML PKIEAAISFI ENNPKGSVLI TSLNELDAAL EGKVGTVIKK
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	33,596 Da
Sequence Positions	1-310, 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 Q99UU0
Species	Staphylococcus aureus (strain Mu50 / 700699)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for arcC1 recombinant protein	MBS1330148 is a recombinant protein targeting arcC1. Also known as Recombinant Staphylococcus aureus Carbamate kinase 1 (arcC1). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of arcC1 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 arcC1. It may not necessarily be applicable to this product.

NCBI GI #	446997086
NCBI Accession #	WP_001074342.1
UniProt Primary Accession #	Q99UU0
GenBank Nucleotide #	WP_001074342.1
NCBI Official Full Name	MULTISPECIES: carbamate kinase 1

UniProt Protein Name	Carbamate kinase 1
Protein Family	Carbamate kinase
UniProt Gene Name	arcC1
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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