Putative Atp:guanido Phosphotransferase Baa_0096 (Baa_0096) (BAA_0096) Bacillus Anthracis Recombinant Protein

PRODUCT OVERVIEW

Product Name	Putative ATP:guanido phosphotransferase BAA_0096 (BAA_0096), Recombinant Protein
Full Product Name	Recombinant Bacillus anthracis Putative ATP:guanido phosphotransferase BAA_0096 (BAA_0096)
Product Gene Name	BAA_0096 recombinant protein
Sequence	MSLDKIMNEA ISPWMKGDGP DSDIVLSSRI RLARNFKKYQ FSTMQNEEET KQIQELFKKE FINKTVEPFG EFELLKMNEL TPLQRRVLVE KHLISPNLAG TEYGACLLSE SEHISVMLNE EDHIRIQCLF SGLQLSEALQ SANQIDNWIE KEVEYAFDES LGYITSCPTN VGTGLRASVM IHLPGLVLTK RISRIIQVIQ KLGLVVRGIY GEGSEALGNI FQVSNQMTLG KSEEDIIADL KSVIQQIIQQ EKMARELIVQ NSSIELEDKV YRSYGILANS RLIQSAEAAN CLSDLRLGID LGYIQGISRN ILTELMVLTQ PGILQQYAGG PLGPEERDYR RATLIRERLR IEKN
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	40,035 Da
Sequence Positions	1-354, 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 C3P9M6
Species	Bacillus anthracis (strain A0248)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for BAA_0096 recombinant protein	MBS1236781 is a recombinant protein targeting BAA_0096. Also known as Recombinant Bacillus anthracis Putative ATP:guanido phosphotransferase BAA_0096 (BAA_0096). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of BAA_0096 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 BAA_0096. It may not necessarily be applicable to this product.

NCBI GI #	445972977
NCBI Accession #	WP_000050832.1
UniProt Primary Accession #	C3P9M6
GenBank Nucleotide #	WP_000050832.1

NCBI Official Full Name	MULTISPECIES: protein arginine kinase
UniProt Protein Name	Protein-arginine kinase
UniProt Gene Name	mcsB
UniProt Comments for BAA_0096	Catalyzes the specific phosphorylation of arginine residues in a large number of proteins. Is part of the bacterial stress response system. Protein arginine phosphorylation has a physiologically important role and is involved in the regulation of many critical cellular processes, such as protein homeostasis, motility, competence, and stringent and stress responses, by regulating gene expression and protein activity.
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