Putative Atp:guanido Phosphotransferase Moth_0161 (Moth_0161) (Moth_0161) Moorella Thermoacetica Recombinant Protein

PRODUCT OVERVIEW

Product Name	Putative ATP:guanido phosphotransferase Moth_0161 (Moth_0161), Recombinant Protein
Full Product Name	Recombinant Moorella thermoacetica Putative ATP:guanido phosphotransferase Moth_0161 (Moth_0161)
Product Gene Name	Moth_0161 recombinant protein
Product Synonym Gene Name	Moth_0161
Sequence	MSLNLERNSK WMEGSGPQAD IVISSRIRLA RNLKGLPFPN LMNSDQQARV VSQVSRAIQA PMVFQAVGEL KLQPLRELAP VERQILVEKH LISPDLAAGG GEKAVVLRDD EAVSIMVNEE DHLRLQCLLP AMMLHEAWRL ADAADDALEN ELDFAFDQER GYLTACPTNV GTGLRASTML HLPALVLTRQ AGPVLSALTK VGVAVRGLYG EGTEAQGNIF QVSNQITLGR SEEEIINNLS AVTVRLADQE REARELLRRQ SRWQLEDRVG RAYGVLTNAR ILSSQEALQL LSDVRLGAEM KIIRGLDQRL LNQLMVRIQP AFLQFSAGKE MTPMERDVHR AAMVRELLAG
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	38,809 Da
Sequence Positions	1-350, 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 Q2RM40
Species	Moorella thermoacetica (strain 39073)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for Moth_0161 recombinant protein	MBS1465930 is a recombinant protein targeting Moth_0161. Also known as Recombinant Moorella thermoacetica Putative ATP:guanido phosphotransferase Moth_0161 (Moth_0161). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of Moth_0161 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 Moth_0161. It may not necessarily be applicable to this product.

NCBI GI #	499710974
NCBI Accession #	WP_011391708.1
UniProt Primary Accession #	Q2RM40

GenBank Nucleotide #	WP_011391708.1
NCBI Official Full Name	protein arginine kinase
UniProt Protein Name	Protein-arginine kinase
UniProt Gene Name	mcsB
UniProt Comments for Moth_0161	Catalyzes the specific phosphorylation of arginine residues in proteins.
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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