Sn-Glycerol-3-Phosphate Import ATP-Binding Protein Ugpc (ugpC) Ralstonia Metallidurans Recombinant Protein

PRODUCT OVERVIEW

Product Name	sn-glycerol-3-phosphate import ATP-binding protein UgpC (ugpC), Recombinant Protein
Full Product Name	Recombinant Ralstonia metallidurans sn-glycerol-3-phosphate import ATP-binding protein UgpC (ugpC)
Product Gene Name	ugpC recombinant protein
Product Synonym Gene Name	ugpC
Sequence	MAKLSLRNVQ KTYAGGTQVV HGIDMEIADG EFIVIVGPSG CGKSTLLRMV AGLETITGGE IHIGDKVVND LEPAARDIAM VFQNYALYPH MSVYDNMAYG LKIRGMSKGE IEQRVKHAAG ILELASLLDR KPRALSGGQR QRVAMGRAIV REPSVFLFDE PLSNLDAKLR VQMRLELKDL HRRLKTTSLY VTHDQVEAMT LADRMMVLNG GRVEQIGTPL EVYARPASTF VAGFIGSPPM NLVPVARNGS GQGVAQMRVQ PKDGQAAATL GHLPMGLHLP EQALMGLRPE HIEPCAVHEA IAELDVRVVE ALGADSFAYG SLGGQPIVVR LDSQTQVRAG DKLPITASAE HLHFFDVQSG KRIEAQA
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	39,765 Da
Sequence Positions	1-367, 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 Q1LLP5
Species	Ralstonia metallidurans (strain CH34 / 43123 / DSM 2839)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for ugpC recombinant protein	MBS1425635 is a recombinant protein targeting ugpC. Also known as Recombinant Ralstonia metallidurans sn-glycerol-3-phosphate import ATP-binding protein UgpC (ugpC). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of ugpC 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 ugpC. It may not necessarily be applicable to this product.

NCBI GI #	499836029
NCBI Accession #	WP_011516763.1
UniProt Primary Accession #	Q1LLP5

GenBank Nucleotide #	WP_011516763.1
NCBI Official Full Name	sn-glycerol-3-phosphate import ATP-binding protein UgpC
UniProt Protein Name	sn-glycerol-3-phosphate import ATP-binding protein UgpC
Protein Family	sn-glycerol-3-phosphate import ATP-binding protein
UniProt Gene Name	ugpC
UniProt Comments for ugpC	Part of the ABC transporter complex UgpABCE involved in sn-glycerol-3-phosphate import. Responsible for energy coupling to the transport system.
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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