Sn-Glycerol-3-Phosphate-Binding Periplasmic Protein Ugpb (ugpB) Agrobacterium Tumefaciens Recombinant Protein

PRODUCT OVERVIEW

Product Name	sn-glycerol-3-phosphate-binding periplasmic protein ugpB (ugpB), Recombinant Protein
Full Product Name	Recombinant Agrobacterium tumefaciens sn-glycerol-3-phosphate-binding periplasmic protein ugpB (ugpB)
Product Gene Name	ugpB recombinant protein
Product Synonym Gene Name	ugpB
Sequence	ATEIQWWHAM TGANNEVVDT LAKEFNDSQK DYKITPVFKG TYPETLNAGI AAFRAKQPPA IIQVFDAGSG VMMGAAGAIK PVADVLKEGG YTFNKDEYLA GIVAYYSKPD GTMLSFPYNS SSPILYYNKD IFQKAGLDAA NPPKTWPEVF EAAKKIKTSG AAQCGFTSTW LTWIQTENFA AWNNVSYGSN ENGLGGTDVK LAVNAPLFVE HFQAIADLAK DGTFRYGGRT SEAKQLFMSG ECGILTESSG GLGDIVKTGM NYGIGQLPYY EGHGPQNTIP GGASLWVFGG KSDAEYKGVA EFFHFLSQTK IQSRLHQVSG YMPVTIAAYE ETKKSGFYDK NPARETPLLQ MMGKPPTENS KGVRLVNLPQ VRDIMNEEFE AMLAGKQDAK AALDKIVERG DAAIKQAAGN
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	47,261 Da
Sequence Positions	27-436, 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 Q8UB32
Species	Agrobacterium tumefaciens (strain C58 / 33970)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for ugpB recombinant protein	MBS1386420 is a recombinant protein targeting ugpB. Also known as Recombinant Agrobacterium tumefaciens sn-glycerol-3-phosphate-binding periplasmic protein ugpB (ugpB). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of ugpB 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 ugpB. It may not necessarily be applicable to this product.

NCBI GI #	15891744
NCBI GeneID	1134987
NCBI Accession #	NP_357416.1

UniProt Primary Accession #	Q8UB32
UniProt Secondary Accession #	Q7CRU2
GenBank Nucleotide #	NC_003063.2
NCBI Official Full Name	glycerol-3-phosphate ABC transporter substrate-binding protein
NCBI Official Symbol	ugpB
UniProt Protein Name	sn-glycerol-3-phosphate-binding periplasmic protein UgpB
Protein Family	sn-glycerol-3-phosphate-binding periplasmic protein
UniProt Gene Name	ugpB
NCBI Protein Information	glycerol-3-phosphate ABC transporter substrate-binding protein
UniProt Comments for ugpB	Part of the ABC transporter complex UgpABCE involved in sn-glycerol-3-phosphate import.
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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