Sn-Glycerol-3-Phosphate-Binding Periplasmic Protein Ugpb (ugpB) Brucella Abortus Recombinant Protein

PRODUCT OVERVIEW

Product Name	sn-glycerol-3-phosphate-binding periplasmic protein ugpB (ugpB), Recombinant Protein
Full Product Name	Recombinant Brucella abortus sn-glycerol-3-phosphate-binding periplasmic protein ugpB (ugpB)
Product Gene Name	ugpB recombinant protein
Product Synonym Gene Name	ugpB
Sequence	QTELAWWHGM TGANNEMVNE LSKEFNESQS EYKIVPVYKG NYPETLNAGI AAFRSKQPPA ILQVFDAGSG VMMAAEGAIV PAAEVLEKGG YKFDKSQYLP GIVAYYSKPD GTMLSFPYNS SSPILYYNKD AFKKAGLDEN KPPKTWPEVF EAAKKIKASG ASPCGFTSTW LTWIQTENFA AWNNVPYGTN ENGLAGTDVK LEINSPLYVE HFQAIADLAK DGTFRYGGRT SEAKQLFTSG ECAMLTESSG GLGDVVKSGI NYGIGQLPYY EGHGPQNTIP GGASLWVFAG LSDDQYKGIA EFFNFLSQTK IQVKLHEKSG YLPVTLAAYE ETKKSDFYEK NPGRETPILQ MMGKEPTENS KGVRLVNLPQ VRDILNEEFE AMLGGKQDAK TALDNAVKRG NAAIAAAQ
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	47,137 Da
Sequence Positions	26-433, 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 Q2YKR5
Species	Brucella abortus (strain 2308)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for ugpB recombinant protein	MBS1335228 is a recombinant protein targeting ugpB. Also known as Recombinant Brucella abortus 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 #	489055836
NCBI Accession #	WP_002965982.1
UniProt Primary Accession #	Q2YKR5

GenBank Nucleotide #	WP_002965982.1
NCBI Official Full Name	MULTISPECIES: sn-glycerol-3-phosphate-binding periplasmic protein 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
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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