Flagellar Basal Body Rod Protein Flgb (flgB) Recombinant Protein

PRODUCT OVERVIEW

Product Name	Flagellar basal body rod protein FlgB (flgB), Recombinant Protein
Full Product Name	Recombinant Buchnera aphidicola subsp. Baizongia pistaciae Flagellar basal body rod protein FlgB (flgB)
Product Gene Name	flgB recombinant protein
Product Synonym Gene Name	flgB
Sequence	MLDKINNDFN INKILLNLHA YRQEILASNI ANANTPGHKS SDINFSKTFG KLFSNALQGK KNNLTTTSNK HISNNDNVEL SNYDEQTVKN NSYVSKNNAI NIDVDRINFV HNGLKYNADV VFINNKFKNI MNVLKG
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	15,373 Da
Sequence Positions	1-136, 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 Q89AI0
Species	Buchnera aphidicola subsp. Baizongia pistaciae (strain Bp)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for flgB recombinant protein	MBS1344698 is a recombinant protein targeting flgB. Also known as Recombinant Buchnera aphidicola subsp. Baizongia pistaciae Flagellar basal body rod protein FlgB (flgB). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of flgB 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 flgB. It may not necessarily be applicable to this product.

NCBI GI #	499403966
NCBI Accession #	WP_011091433.1
UniProt Primary Accession #	Q89AI0
GenBank Nucleotide #	WP_011091433.1
NCBI Official Full Name	flagellar biosynthesis protein FlgB
UniProt Protein Name	Flagellar basal body rod protein FlgB

Protein Family	Flagellar basal body rod protein
UniProt Gene Name	flgB
UniProt Comments for flgB	Structural component of flagellum, the bacterial motility apparatus. Part of the rod structure of flagellar basal body ().
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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