Peptidoglycan Synthase Ftsi (ftsI) Recombinant Protein

PRODUCT OVERVIEW

Product Name	Peptidoglycan synthase FtsI (ftsI), Recombinant Protein
Full Product Name	Recombinant Buchnera aphidicola subsp. Baizongia pistaciae Peptidoglycan synthase FtsI (ftsI), partial
Product Gene Name	ftsI recombinant protein
Product Synonym Gene Name	ftsI
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	65,288 Da
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 Q89AQ0
Species	Buchnera aphidicola subsp. Baizongia pistaciae (strain Bp)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for ftsI recombinant protein	MBS1316794 is a recombinant protein targeting ftsI. Also known as Recombinant Buchnera aphidicola subsp. Baizongia pistaciae Peptidoglycan synthase FtsI (ftsI), partial. Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of ftsI 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 ftsI. It may not necessarily be applicable to this product.

NCBI GI #	499403870
NCBI Accession #	WP_011091337.1
UniProt Primary Accession #	Q89AQ0
GenBank Nucleotide #	WP_011091337.1
NCBI Official Full Name	peptidoglycan synthase FtsI
UniProt Protein Name	Peptidoglycan D,D-transpeptidase FtsI
UniProt Synonym Protein Names	Penicillin-binding protein 3
Protein Family	Peptidoglycan synthase

UniProt Gene Name	ftsI
UniProt Synonym Gene Names	PBP-3
UniProt Comments for ftsI	Catalyzes cross-linking of the peptidoglycan cell wall at the division septum.
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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