Flagellar P-Ring Protein 1 (flgI1) Yersinia Pseudotuberculosis Recombinant Protein

PRODUCT OVERVIEW

Product Name	Flagellar P-ring protein 1 (flgI1), Recombinant Protein
Full Product Name	Recombinant Yersinia pseudotuberculosis Flagellar P-ring protein 1 (flgI1)
Product Gene Name	flgI1 recombinant protein
Product Synonym Gene Name	flgI1
Sequence	ERIRDLVTVQ GVRDNALIGY GLVVGLDGSG DQTMQTPFTT QSLSNMLSQL GITVPPGTNM QLKNVAAVMV TAKLPAFSRA GQTIDVVVSS MGNAKSIRGG TLLMTPLKGV DNQVYALAQG NVLVGGAGAA AGGSSVQVNQ LAGGRISNGA TIERELPTTF GTDGIINLQL NSEDFTLAQQ VSDAINRQRG FGSATAIDAR TIQVLVPRGG SSQVRFLADI QNIPINVDPG DAKVIINSRT GSVVMNRNVV LDSCAVAQGN LSVVVDKQNI VSQPDTPFGG GQTVVTPNTQ ISVQQQGGVL QRVNASPNLN NVVRALNSLG ATPIDLMSIL QAMESAGCLR AKLEII
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	38,464 Da
Sequence Positions	24-369, 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 Q66BT8
Species	Yersinia pseudotuberculosis
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for flgI1 recombinant protein	MBS1478543 is a recombinant protein targeting flgI1. Also known as Recombinant Yersinia pseudotuberculosis Flagellar P-ring protein 1 (flgI1). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of flgI1 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 flgI1. It may not necessarily be applicable to this product.

NCBI GI #	488139909
NCBI Accession #	WP_002211117.1
UniProt Primary Accession #	Q66BT8
GenBank Nucleotide #	WP_002211117.1
NCBI Official Full Name	MULTISPECIES: flagellar basal body P-ring protein

UniProt Protein Name	Flagellar P-ring protein 1
UniProt Synonym Protein Names	Basal body P-ring protein 1
Protein Family	Flagellar P-ring protein
UniProt Gene Name	flgI1
UniProt Comments for flgI1	Assembles around the rod to form the L-ring and probably protects the motor/basal body from shearing forces during rotation.
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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