Flagellar P-Ring Protein (flgI) Rhodopseudomonas Palustris Recombinant Protein

PRODUCT OVERVIEW

Product Name	Flagellar P-ring protein (flgI), Recombinant Protein
Full Product Name	Recombinant Rhodopseudomonas palustris Flagellar P-ring protein (flgI)
Product Gene Name	flgI recombinant protein
Product Synonym Gene Name	flgI
Sequence	TSRIKDLANI EGVRQNQLIG YGLVVGLNGT GDTLNNIPFT KQSLQAMLER MGVNIRGATI RTGNVAAVMV TGNLPAFATQ GTRMDVTVSA LGDAKNLQGG TLLVTPLLGA DGNVYAVAQG SLAIGGFQAE GEAAKITRGV PTVGRIANGA IIEREIEFAL NRLPMVRLAL RNADFTTAKR IAAAVNDFLG TKSAEPIDPS TVQLTIPAEF KGNAVAFVTE IEQLQVEPDQ AAKIIIDERS GIIVMGRDVR VATVAVAQGN LTVSISESPQ VSQPNPLANG RTVVTPNSRI GVTEDGKKLA LVKDGVSLQQ LVDGLNGLGI GPRDLIGILQ AIKAAGAIEA DIEVM
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	38,550 Da
Sequence Positions	29-373, 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 Q2ITH2
Species	Rhodopseudomonas palustris (strain HaA2)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for flgI recombinant protein	MBS1377930 is a recombinant protein targeting flgI. Also known as Recombinant Rhodopseudomonas palustris Flagellar P-ring protein (flgI). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of flgI 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 flgI. It may not necessarily be applicable to this product.

NCBI GI #	499761938
NCBI Accession #	WP_011442672.1
UniProt Primary Accession #	Q2ITH2
GenBank Nucleotide #	WP_011442672.1
NCBI Official Full Name	flagellar P-ring protein

UniProt Protein Name	Flagellar P-ring protein
UniProt Synonym Protein Names	Basal body P-ring protein
Protein Family	Flagellar P-ring protein
UniProt Gene Name	flgI
UniProt Comments for flgI	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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