Flagellar Assembly Factor Fliw (fliW) Clostridium Acetobutylicum Recombinant Protein

PRODUCT OVERVIEW

Product Name	Flagellar assembly factor FliW (fliW), Recombinant Protein
Full Product Name	Recombinant Clostridium acetobutylicum Flagellar assembly factor FliW (fliW)
Product Gene Name	fliW recombinant protein
Product Synonym Gene Name	fliW
Sequence	MKLETQYHGI IEYNENNIIN LVKGMSGFEN LKKFILVGIE NNEVFSLFHS MEDKETAFIV SSPFYVKADY EVNLSEELVK ELKIDSEKDV LIINTVNLSK DIKKMTTNLG APIIININKH LGKQIIISDD EKMIKYPMIH S
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	16,193 Da
Sequence Positions	1-141, 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 Q97H05
Species	Clostridium acetobutylicum (strain 824 / DSM 792 / JCM 1419 / LMG 5710 / VKM B-1787)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for fliW recombinant protein	MBS1354013 is a recombinant protein targeting fliW. Also known as Recombinant Clostridium acetobutylicum Flagellar assembly factor FliW (fliW). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of fliW 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 fliW. It may not necessarily be applicable to this product.

NCBI GI #	15895478
NCBI GeneID	1118393
NCBI Accession #	NP_348827.1
UniProt Primary Accession #	Q97H05
UniProt Related Accession #	Q97H05
GenBank Nucleotide #	NC_003030.1

NCBI Official Full Name	flagellar assembly protein FliW
NCBI Official Symbol	CA_C2210
UniProt Protein Name	Flagellar assembly factor FliW
Protein Family	Flagellar assembly factor
UniProt Gene Name	fliW
NCBI Protein Information	flagellar assembly protein FliW
UniProt Comments for fliW	Acts as an anti-CsrA protein, binds CsrA and prevents it from repressing translation of its target genes, one of which is flagellin. Binds to flagellin and participates in the assembly of the flagellum.
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