Lipoprotein Mxij (mxiJ) Shigella Sonnei Recombinant Protein

PRODUCT OVERVIEW

Product Name	Lipoprotein mxiJ (mxiJ), Recombinant Protein
Full Product Name	Recombinant Shigella sonnei Lipoprotein mxiJ (mxiJ)
Product Gene Name	mxiJ recombinant protein
Product Synonym Gene Name	mxiJ
Sequence	CEQREELISN LSQRQANEII SVLERHNITA RKVDGGKQGI SVQVEKGTFA SAVDLMRMYD LPNPERVDIS QMFPTDSLVS SPRAEKARLY SAIEQRLEQS LVSIGGVISA KIHVSYDLEE KNISSKPMHI SVIAIYDSPK ESELLVSNIK RFLKNTFSDV KYENISVILT PKEEYVYTNV QPVKEIKSEF LTNEVIYLFL GMAVLVVILL VWAFKTGWFK RNKI
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	27,523 Da
Sequence Positions	18-241, 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 Q55288
Species	Shigella sonnei
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for mxiJ recombinant protein	MBS1386439 is a recombinant protein targeting mxiJ. Also known as Recombinant Shigella sonnei Lipoprotein mxiJ (mxiJ). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of mxiJ 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 mxiJ. It may not necessarily be applicable to this product.

NCBI GI #	446544594
NCBI Accession #	WP_000621940.1
UniProt Primary Accession #	Q55288
GenBank Nucleotide #	WP_000621940.1
NCBI Official Full Name	MULTISPECIES: EscJ/YscJ/HrcJ family type III secretion inner membrane ring protein

UniProt Protein Name	Lipoprotein MxiJ
Protein Family	Lipoprotein
UniProt Gene Name	mxiJ
UniProt Comments for mxiJ	Involved in the secretion of the Ipa antigens.
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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