Chaperone Protein Fimc (fimC) Salmonella Typhimurium Recombinant Protein

PRODUCT OVERVIEW

Product Name	Chaperone protein fimC (fimC), Recombinant Protein
Full Product Name	Recombinant Salmonella typhimurium Chaperone protein fimC (fimC)
Product Gene Name	fimC recombinant protein
Sequence	AGGIALGATR VIYPSAAKQT SLAISNSDTQ ERYLVNSWIE NNAGQKEKTF IVTPPLFVSE PKSENTLRII YAGQPLPGDR ESLFWMNVKA IPSVDKSHIE GKNVLQLAIL SRIKLFVRPA NLPQTPEDAP TLLKFSRVGN HLKITNPSAY YLTLVNISVG AKKIDNVMIA PKSDMQIPLP TGAQGNVTFQ SVNDYGALTS ATTASLG
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	24,868 Da
Sequence Positions	24-230, 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 P37923
Species	Salmonella typhimurium (strain LT2 / SGSC1412 / 700720)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for fimC recombinant protein	MBS1243951 is a recombinant protein targeting fimC. Also known as Recombinant Salmonella typhimurium Chaperone protein fimC (fimC). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of fimC 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 fimC. It may not necessarily be applicable to this product.

NCBI GI #	16763925
NCBI GeneID	1252065
NCBI Accession #	NP_459540.1
UniProt Primary Accession #	P37923
UniProt Related Accession #	P37923
GenBank Nucleotide #	NC_003197.2
NCBI Official Full Name	fimbrial chaperone protein FimC

NCBI Official Symbol	fimC
UniProt Protein Name	Chaperone protein FimC
Protein Family	Chaperone protein
UniProt Gene Name	fimC
NCBI Protein Information	fimbrial chaperone protein FimC
UniProt Comments for fimC	Required for the biogenesis of type 1 fimbriae. Binds and interact with FimH.
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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