Cell Division Protein Ftsp (ftsP) Yersinia Pestis Recombinant Protein

PRODUCT OVERVIEW

Product Name	Cell division protein FtsP (ftsP), Recombinant Protein
Full Product Name	Recombinant Yersinia pestis Cell division protein FtsP (ftsP)
Product Gene Name	ftsP recombinant protein
Product Synonym Gene Name	ftsP
Sequence	SSTQQPQLPV PPLLESRRGQ PLFLTLQRAH WAFSGNKKAA VWGINGMYLG PTVRVFNGDD VKLIYSNRLT EPVSMTISGL QVPGTLMGGE ARMIRPGEDW SPVLPVRQPA ANCWYHANTP NRMAPHVYNG LAGMWLVEDA VSKAMPLPSH YGVDDFPLII QDKRLDNFGV PEYNPPAKGG FVGDTLLVNG AQSPFVEVSR GWVRLRLLNA SNARRYTLQL SDGRPLYVVA SDQGFLPAPV AVQQLSLAPG ERREVVIDMS QGNEVSITAG ESAGIMDRLR GLFEPSSILI STLVLTLKPT GLLPLVTDNL PMRLLADQII EGSVIRSREF QLGDNLPGIN GAIWDMNRVD VQAQQGTWER WIIHADMPQA FHIQGVSFLV KSVNGAAAMA EDRGWKDTVW VDGTVELWVY FNQVSSPQFP FLFYSQTLEM ADRGSAGQLV TVAAPTL
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	51,891 Da
Sequence Positions	28-474, 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 Q7CGI0
Species	Yersinia pestis
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for ftsP recombinant protein	MBS1372262 is a recombinant protein targeting ftsP. Also known as Recombinant Yersinia pestis Cell division protein FtsP (ftsP). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of ftsP 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 ftsP. It may not necessarily be applicable to this product.

NCBI GI #	488140968
NCBI Accession #	WP_002212176.1
UniProt Primary Accession #	Q7CGI0
UniProt Secondary Accession #	Q74RN4

GenBank Nucleotide #	WP_002212176.1
NCBI Official Full Name	MULTISPECIES: cell division protein FtsP
UniProt Protein Name	Cell division protein FtsP
Protein Family	Cell division protein
UniProt Gene Name	ftsP
UniProt Comments for ftsP	Cell division protein that is required for growth during stress conditions. May be involved in protecting or stabilizing the divisomal assembly under conditions of stress.
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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