Probable Cell Division Topological Determinant Minj (minJ) Lactobacillus Casei Recombinant Protein

PRODUCT OVERVIEW

Product Name	Probable cell division topological determinant MinJ (minJ), Recombinant Protein
Full Product Name	Recombinant Lactobacillus casei Probable cell division topological determinant MinJ (minJ), partial
Product Gene Name	minJ recombinant protein
Sequence	MAVVVALLIN PVGLVFWLAL GLTIWFAVNR TDRERRRYLR AIHPKHPEIG RFFWIGLVVG ALVSLVMVIG RLQISLAALL ALSGLTLVAL LFSKWRFSPW WLGLASLAAV GQSGLLAEQH AANLAILVGL LWLTQAGLAR FNRGDEIESP VIQQDRRQRQ SAAFELRQLF WVPLILPVAV ENVSNLPLLA VTVQSLTFVG LPLLLGATFM TPRDRAQTAW RRSWPWYGGA GGVLIVYGIV ARTMTLPLLV SLVFPAVVSL VLVGGFIWQG RQVHLTVTLA DQGVVLIGVV PHTPAAEMGL QPGDRVLACN HHSVNNSREL YDAIQKEPTY CRLRLRQADG ELRLAETAIF AGAPHELGMI LFPEETA
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	40,349 Da
Sequence Positions	1-367
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 F2MHZ2
Species	Lactobacillus casei (strain BD-II)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for minJ recombinant protein	MBS1166064 is a recombinant protein targeting minJ. Also known as Recombinant Lactobacillus casei Probable cell division topological determinant MinJ (minJ), partial. Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of minJ 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 minJ. It may not necessarily be applicable to this product.

NCBI GI #	489659863
NCBI Accession #	WP_003564197.1
UniProt Primary Accession #	F2MHZ2
GenBank Nucleotide #	WP_003564197.1

NCBI Official Full Name	MULTISPECIES: cell division topological determinant MinJ
UniProt Protein Name	Probable cell division topological determinant MinJ
Protein Family	Cell division topological determinant
UniProt Gene Name	minJ
UniProt Synonym Gene Names	yvjD
UniProt Comments for minJ	The main function of the Min system is to promote the disassembly of the cytokinetic ring after cell division, thereby ensuring that division occurs only once per cell cycle. MinJ acts as a bridge between DivIVA and MinD. May modulate activity and localization of MinD and MinC through direct interaction with MinD ().
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