Cell Division Protein Zapb (zapB) Erwinia Carotovora Subsp. Atroseptica Recombinant Protein

PRODUCT OVERVIEW

Product Name	Cell division protein ZapB (zapB), Recombinant Protein
Full Product Name	Recombinant Erwinia carotovora subsp. atroseptica Cell division protein ZapB (zapB)
Product Gene Name	zapB recombinant protein
Product Synonym Gene Name	zapB
Sequence	MSFEVFEKLE AKVQQAIDTI TLLQMEIEEL KEQNNTLSQD VQAAAGSRES LVRENEQLKE EQVVWQERLR ALLGKMEEV
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	9,177 Da
Sequence Positions	1-79, 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 Q6CZ88
Species	Erwinia carotovora subsp. atroseptica (Pectobacterium atrosepticum)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for zapB recombinant protein	MBS1327119 is a recombinant protein targeting zapB. Also known as Recombinant Erwinia carotovora subsp. atroseptica Cell division protein ZapB (zapB). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of zapB 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 zapB. It may not necessarily be applicable to this product.

NCBI GI #	499408267
NCBI Accession #	WP_011095734.1
UniProt Primary Accession #	Q6CZ88
GenBank Nucleotide #	WP_011095734.1
NCBI Official Full Name	cell division protein ZapB
UniProt Protein Name	Cell division protein ZapB

Protein Family	Cell division protein
UniProt Gene Name	zapB
UniProt Comments for zapB	Non-essential, abundant cell division factor that is required for proper Z-ring formation. It is recruited early to the divisome by direct interaction with FtsZ, stimulating Z-ring assembly and thereby promoting cell division earlier in the cell cycle. Its recruitment to the Z-ring requires functional FtsA or ZipA.
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