Cell Division Protein Zipa Homolog (zipA) Shigella Boydii Serotype 4 Recombinant Protein

PRODUCT OVERVIEW

Product Name	Cell division protein ZipA homolog (zipA), Recombinant Protein
Full Product Name	Recombinant Shigella boydii serotype 4 Cell division protein ZipA homolog (zipA), partial
Product Gene Name	zipA recombinant protein
Product Synonym Gene Name	zipA
Sequence	MMQDLRLILI IVGAIAIIAL LVHGFWTSRK ERSSMFRDRP LKRMKSKRDD DSYDEDVEDD EGVGEVRVHR VNHAPANAQE HEAARPSPQH QYQPPYASAQ PRQPVQQPPE AQVPPQHAPR PAQPVQQPVY QPQPEQPLQQ PVSPQVAPAP QPVHSAPQPA QQAFQPAEPV AAPQPEPVAE PAPVMDKPKR KEAVIIMNVA AHHGSELNGE LLLNSIQQAG FIFGDMNIYH RHLSPDGSGP ALFSLANMVK PGTFDPEMKD FTTPGVTIFM QVPSYGDELQ NFKLMLQSAQ HIADEVGGVV LDDQRRMMTP QKLREYQDII REVKDANA
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	36,522 Da
Sequence Positions	1-328
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 Q31Y67
Species	Shigella boydii serotype 4 (strain Sb227)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for zipA recombinant protein	MBS1421367 is a recombinant protein targeting zipA. Also known as Recombinant Shigella boydii serotype 4 Cell division protein ZipA homolog (zipA), partial. Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of zipA 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 zipA. It may not necessarily be applicable to this product.

NCBI GI #	491127035
NCBI Accession #	WP_004985469.1
UniProt Primary Accession #	Q31Y67
GenBank Nucleotide #	WP_004985469.1
NCBI Official Full Name	MULTISPECIES: cell division protein ZipA

UniProt Protein Name	Cell division protein ZipA
Protein Family	Cell division protein
UniProt Gene Name	zipA
UniProt Comments for zipA	Essential cell division protein that stabilizes the FtsZ protofilaments by cross-linking them and that serves as a cytoplasmic membrane anchor for the Z ring. Also required for the recruitment to the septal ring of downstream cell division proteins.
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