Cell Division Protein Zipa Homolog (zipA) Shewanella Oneidensis Recombinant Protein

PRODUCT OVERVIEW

Product Name	Cell division protein ZipA homolog (zipA), Recombinant Protein
Full Product Name	Recombinant Shewanella oneidensis Cell division protein ZipA homolog (zipA), partial
Product Gene Name	zipA recombinant protein
Product Synonym Gene Name	zipA
Sequence	MEDLQLVLFV LGAIAIVAVL VHGFWSIRRQ QPKSLKDSPM GNFYKKQAER GEAAPAPKRV DAEGFDSDGI GAVRVRKASE SQTPEAPAVN PYLKQEAKVE PQIEPKPQFK QEPSMAQPDF SLQSPSVDEP HRGTKASRQE PVLKSNTAHL NQEHAGQSHA AMVAQKVAEE QRAQVQKPTQ TALFDDEVYQ EQQPQAVEEA PETEESLGEP RDVLVLHVVA KEGQQLNGAE LLPCFLTLNF KYGDMNIFHR HVDNAGNGKV LFSIANMVKP GVFDPDNMEQ FSTLGVVFFM TLPCYGDALM NFSIMLNSAR QLADDIDAVV LDGQRQPWGE FTKQDYLHRI RANA
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	38,231 Da
Sequence Positions	1-344
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 Q8ED69
Species	Shewanella oneidensis (strain MR-1)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for zipA recombinant protein	MBS1355743 is a recombinant protein targeting zipA. Also known as Recombinant Shewanella oneidensis 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 #	24374426
NCBI GeneID	1170587
NCBI Accession #	NP_718469.1
UniProt Primary Accession #	Q8ED69
UniProt Related Accession #	Q8ED69

GenBank Nucleotide #	NC_004347.2
NCBI Official Full Name	cell division protein ZipA
NCBI Official Symbol	zipA
UniProt Protein Name	Cell division protein ZipA
Protein Family	Cell division protein
UniProt Gene Name	zipA
NCBI Protein Information	cell division protein 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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