Protein Phosphatase Chez (cheZ) Shigella Flexneri Recombinant Protein

PRODUCT OVERVIEW

Product Name	Protein phosphatase CheZ (cheZ), Recombinant Protein
Full Product Name	Recombinant Shigella flexneri Protein phosphatase CheZ (cheZ)
Product Gene Name	cheZ recombinant protein
Product Synonym Gene Name	cheZ
Sequence	MMQPSIKPAD EHSAGDIIAR IGSLTHMLRD SLRELGLVQA IAEAAEAIPD ARDRLYYVVQ MTAQAAERAL NSVEASQPHQ DQMEKSAKAL TQRWDDWFAD PIDLADAREL VTDTRQFLAD VPAHTSFTNA QLLEIMMAQD FQDLTGQVIK RMMDVIQEIE RQLLMVLLEN IPEQESRPKR ENQSLLNGPQ VDTSKAGVVA SQDQVDDLLD SLGF
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	23,941 Da
Sequence Positions	1-214, Full length protein
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 Q83R53
Species	Shigella flexneri
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for cheZ recombinant protein	MBS1338974 is a recombinant protein targeting cheZ. Also known as Recombinant Shigella flexneri Protein phosphatase CheZ (cheZ). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of cheZ 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 cheZ. It may not necessarily be applicable to this product.

NCBI GI #	56479993
NCBI GeneID	1025145
NCBI Accession #	NP_707776.2
UniProt Primary Accession #	Q83R53
UniProt Secondary Accession #	Q7UAB8
GenBank Nucleotide #	NC_004337.2

NCBI Official Full Name	chemotaxis regulator CheZ
NCBI Official Symbol	cheZ
UniProt Protein Name	Protein phosphatase CheZ
UniProt Synonym Protein Names	Chemotaxis protein CheZ
Protein Family	Protein phosphatase
UniProt Gene Name	cheZ
NCBI Protein Information	chemotaxis regulator CheZ
UniProt Comments for cheZ	Plays an important role in bacterial chemotaxis signal transduction pathway by accelerating the dephosphorylation of phosphorylated CheY (CheY-P).
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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