Chemotaxis Response Regulator Protein-Glutamate Methylesterase (cheB) Shigella Boydii Serotype 4 Recombinant Protein

PRODUCT OVERVIEW

Product Name	Chemotaxis response regulator protein-glutamate methylesterase (cheB), Recombinant Protein
Full Product Name	Recombinant Shigella boydii serotype 4 Chemotaxis response regulator protein-glutamate methylesterase (cheB)
Product Gene Name	cheB recombinant protein
Product Synonym Gene Name	cheB
Sequence	MSKIRVLSVD DSALMRQIMT EIINSHSDME MVATAPDPLV ARDLIKKFNP DVLTLDVEMP RMDGLDFLEK LMRLRPMPVV MVSSLTGKGS EVTLRALELG AIDFVTKPQL GIREGMLAYS EMIAEKVRTA AKASLAAHKP LSAPTTLKAG PLLSSEKLIA IGASTGGTEA IRHVLQPLPL SSPALLITQH MPPGFTRSFA DRLNKLCQIG VKEAEDGERV LPGHAYIAPG DRHMELARSG ANYQIKIHDG PVGMLAMRQA GAWTLAQNEA SCVVFGMPRE AINMGGVCEV VDLSQVSQQM LAKISAGQAI RI
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	33,655 Da
Sequence Positions	1-312, 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 Q322K2
Species	Shigella boydii serotype 4 (strain Sb227)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for cheB recombinant protein	MBS1334992 is a recombinant protein targeting cheB. Also known as Recombinant Shigella boydii serotype 4 Chemotaxis response regulator protein-glutamate methylesterase (cheB). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of cheB 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 cheB. It may not necessarily be applicable to this product.

NCBI GI #	445958522
NCBI Accession #	WP_000036377.1
UniProt Primary Accession #	Q322K2

GenBank Nucleotide #	WP_000036377.1
NCBI Official Full Name	MULTISPECIES: chemotaxis response regulator protein-glutamate methylesterase
UniProt Protein Name	Chemotaxis response regulator protein-glutamate methylesterase
Protein Family	Chemotaxis response regulator protein-glutamate methylesterase
UniProt Gene Name	cheB
UniProt Comments for cheB	Involved in the modulation of the chemotaxis system; catalyzes the demethylation of specific methylglutamate residues introduced into the chemoreceptors (methyl-accepting chemotaxis proteins) by CheR.
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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