Chemotaxis Response Regulator Protein-Glutamate Methylesterase of Group 3 Operon (cheB3) Pseudomonas Putida Recombinant Protein

PRODUCT OVERVIEW

Product Name	Chemotaxis response regulator protein-glutamate methylesterase of group 3 operon (cheB3), Recombinant Protein
Full Product Name	Recombinant Pseudomonas putida Chemotaxis response regulator protein-glutamate methylesterase of group 3 operon (cheB3)
Product Gene Name	cheB3 recombinant protein
Product Synonym Gene Name	cheB3
Sequence	MKIAIVNDMP LAVEALRRAV ALEPAHQVVW VASNGAEAVQ RCTEQLPDLI LMDLIMPVMD GVEATRRIMA ETPCAIVIVT VDRKQNVHRV FEAMGHGALD VVDTPALGAG DAREAAAPLL RKILNIGWLV GQQRAPAARS VAAPLREASQ RRGLVAIGSS AGGPAALEVL LKGLPAAFPA AIVLVQHVDQ VFAAGMAEWL SSAAGLPVRL AREGEPPQPG QVLLAGTNHH IRLLQNGQLA YTAEPVNEIY RPSIDVFFES VARYWNGDAV GVLLTGMGRD GAQGLKLMRQ QGFLTIAQDQ ASSAVYGMPK AAAAIDAAVE IRPLERIAGR LTEFFAK
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	35,824 Da
Sequence Positions	1-337, 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 Q88MS5
Species	Pseudomonas putida (strain KT2440)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for cheB3 recombinant protein	MBS1328893 is a recombinant protein targeting cheB3. Also known as Recombinant Pseudomonas putida Chemotaxis response regulator protein-glutamate methylesterase of group 3 operon (cheB3). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of cheB3 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 cheB3. It may not necessarily be applicable to this product.

NCBI GI #	26988226
NCBI GeneID	1045676
NCBI Accession #	NP_743651.1

UniProt Primary Accession #	Q88MS5
UniProt Related Accession #	Q88MS5
GenBank Nucleotide #	NC_002947.4
NCBI Official Full Name	chemotaxis response regulator protein-glutamate methylesterase
NCBI Official Symbol	cheBC
UniProt Protein Name	Chemotaxis response regulator protein-glutamate methylesterase of group 3 operon
Protein Family	Chemotaxis response regulator protein-glutamate methylesterase
UniProt Gene Name	cheB3
NCBI Protein Information	chemotaxis response regulator protein-glutamate methylesterase
UniProt Comments for cheB3	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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