Chemotaxis Protein Chey (cheY) Pseudomonas Aeruginosa Recombinant Protein

PRODUCT OVERVIEW

Product Name	Chemotaxis protein CheY (cheY), Recombinant Protein
Full Product Name	Recombinant Pseudomonas aeruginosa Chemotaxis protein CheY (cheY)
Product Gene Name	cheY recombinant protein
Product Synonym Gene Name	cheY
Sequence	MKILIVDDFS TMRRIIKNLL RDLGFTNTAE ADDGTTALPM LHSGNFDFLV TDWNMPGMTG IDLLRAVRAD ERLKHLPVLM VTAEAKRDQI IEAAQAGVNG YVVKPFTAQV LKEKIEKIFE RVNG
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	13,902 Da
Sequence Positions	1-124, 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 Q51455
Species	Pseudomonas aeruginosa (strain 15692 / PAO1 / 1C / PRS 101 / LMG 12228)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for cheY recombinant protein	MBS1438299 is a recombinant protein targeting cheY. Also known as Recombinant Pseudomonas aeruginosa Chemotaxis protein CheY (cheY). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of cheY 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 cheY. It may not necessarily be applicable to this product.

NCBI GI #	15596653
NCBI GeneID	882097
NCBI Accession #	NP_250147.1
UniProt Primary Accession #	Q51455
UniProt Related Accession #	Q51455
GenBank Nucleotide #	NC_002516.2

NCBI Official Full Name	chemotaxis protein CheY
NCBI Official Symbol	cheY
UniProt Protein Name	Chemotaxis protein CheY
Protein Family	Chemotaxis protein
UniProt Gene Name	cheY
NCBI Protein Information	chemotaxis protein CheY
UniProt Comments for cheY	Involved in the transmission of sensory signals from the chemoreceptors to the flagellar motors. CheY is likely to be involved in changing the direction of flagellar rotation.
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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