Probable Chemoreceptor Glutamine Deamidase Ched (cheD) Jannaschia Sp. Recombinant Protein

PRODUCT OVERVIEW

Product Name	Probable chemoreceptor glutamine deamidase CheD (cheD), Recombinant Protein
Full Product Name	Recombinant Jannaschia sp. Probable chemoreceptor glutamine deamidase CheD (cheD)
Product Gene Name	cheD recombinant protein
Product Synonym Gene Name	cheD
Sequence	MTHLRSRSGN VTHVMQGQLY ISQTPGESLT CILGSCVAAC VHDPALRIGG MNHFLLPGRD PHDTGSVRYG ARSMEALIDA LLHKGADRQR LNVWLFGGAN VLGTQTGIGA ANSAFAVDFT RAQGLTLRGS DLGGTRGRRV HFTPATGDPR VDYMQSDGID DPIAGPLGAP GVELF
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	18,494 Da
Sequence Positions	1-175, 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 Q28NF0
Species	Jannaschia sp. (strain CCS1)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for cheD recombinant protein	MBS1335784 is a recombinant protein targeting cheD. Also known as Recombinant Jannaschia sp. Probable chemoreceptor glutamine deamidase CheD (cheD). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of cheD 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 cheD. It may not necessarily be applicable to this product.

NCBI GI #	499775232
NCBI Accession #	WP_011455966.1
UniProt Primary Accession #	Q28NF0
GenBank Nucleotide #	WP_011455966.1
NCBI Official Full Name	chemotaxis protein CheD

UniProt Protein Name	Probable chemoreceptor glutamine deamidase CheD
Protein Family	Chemoreceptor glutamine deamidase
UniProt Gene Name	cheD
UniProt Comments for cheD	Probably deamidates glutamine residues to glutamate on methyl-accepting chemotaxis receptors (MCPs), playing an important role in chemotaxis.
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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