Chemotaxis Protein Motc (motC) Rhizobium Meliloti Recombinant Protein

PRODUCT OVERVIEW

Product Name	Chemotaxis protein motC (motC), Recombinant Protein
Full Product Name	Recombinant Rhizobium meliloti Chemotaxis protein motC (motC)
Product Gene Name	motC recombinant protein
Product Synonym Gene Name	motC
Sequence	APLALGIARA NGTEELTPYK MIRSLQYVQD SVVLGDHSAI EMQRFMLGAI DERLRAADHS AFRDPRNVDA ALVYVMSGGN PATLDLLADR DIEGNFDSRV TDALRQYLNG KGPLIVENLT KAAPEYKNSR IGPYLFLILG NAMSQQDPIE AMKHYDWARL TAPGTIIEEA ALRRSVSLAA QAGLPEKGFR YALNYARRYL TSPFASQFAD VFVELAVAHF DEAADGRVSE ILSFMDSARQ REVYLRVARR AAIAGNQALA RLASRRAEEL AGDDSSRSQV LASFYEGLAA VPSADVFSAA EALEAIPDEK LSPRDRALRE AAKAVADAVV RPPLGESPAQ APAPIAERPA GEQSELAAEE SGSGMSPFGQ PVEASPGRPS EMTAEADVAA SDDPALDGFL ASGRSKIDEI DALLKGEGQ
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	46,532 Da
Sequence Positions	16-434, 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 Q52963
Species	Rhizobium meliloti (strain 1021) (Ensifer meliloti) (Sinorhizobium meliloti)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for motC recombinant protein	MBS1354795 is a recombinant protein targeting motC. Also known as Recombinant Rhizobium meliloti Chemotaxis protein motC (motC). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of motC 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 motC. It may not necessarily be applicable to this product.

NCBI GI #	15964428
NCBI GeneID	1232314
NCBI Accession #	NP_384781.1
UniProt Primary Accession #	Q52963

UniProt Related Accession #	Q52963
GenBank Nucleotide #	NC_003047.1
NCBI Official Full Name	chemotaxis protein
NCBI Official Symbol	motC
UniProt Protein Name	Chemotaxis protein MotC
UniProt Synonym Protein Names	Motility protein C
Protein Family	Chemotaxis protein
UniProt Gene Name	motC
NCBI Protein Information	chemotaxis protein
UniProt Comments for motC	Required for the rotation of the flagellar motor. Might control the energy flux or coupling that drives 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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