Probable Septum Site-Determining Protein Minc (minC) Thermoanaerobacter Tengcongensis Recombinant Protein

PRODUCT OVERVIEW

Product Name	Probable septum site-determining protein MinC (minC), Recombinant Protein
Full Product Name	Recombinant Thermoanaerobacter tengcongensis Probable septum site-determining protein MinC (minC)
Product Gene Name	minC recombinant protein
Product Synonym Gene Name	minC; TTE0902
Product Synonym Names	Probable septum site-determining protein MinC
Sequence	MVREPVKIQG TKEGLVIVVD EDVDIEVLKE RIVDRIEKSL KFFEGATLNV RVKNSKFKDE ELEDLKDFIL KNYGVEIFIK KFQEKHIKNV TDDEIFNGLE EGITKFHRGT VRSGQVVKYY GNLVIIGDVN PGGLVQAAGN IVVTGTLRGI AHAGFTGNKE AFIVASSLKA MQLRIANIIS RAPDKEEEVE YPEIAVVRKN KIIVRPLYHL SDLW
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	24,135 Da
Sequence Positions	1-214aa; 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 Q8RBC0
Species	Thermoanaerobacter tengcongensis (strain DSM 15242 / JCM 11007 / NBRC 100824 / MB4) (Caldanaerobacter subterraneus subsp. tengcongensis)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for minC recombinant protein	MBS1340149 is a recombinant protein targeting minC. Also known as Recombinant Thermoanaerobacter tengcongensis Probable septum site-determining protein MinC (minC). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of minC 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 minC. It may not necessarily be applicable to this product.

NCBI GI #	20807383
NCBI GeneID	995923
NCBI Accession #	NP_622554.1

UniProt Primary Accession #	Q8RBC0
UniProt Related Accession #	Q8RBC0
GenBank Nucleotide #	NC_003869.1
NCBI Official Full Name	septum formation inhibitor
NCBI Official Symbol	minC
UniProt Protein Name	Probable septum site-determining protein MinC
Protein Family	Probable septum site-determining protein
UniProt Gene Name	minC
UniProt Synonym Gene Names	TTE0902
UniProt Entry Name	MINC_THETN
NCBI Protein Information	septum formation inhibitor
UniProt Comments for minC	Cell division inhibitor that blocks the formation of polar Z ring septums. Rapidly oscillates between the poles of the cell to destabilize FtsZ filaments that have formed before they mature into polar Z rings. Prevents FtsZ polymerization.
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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