DNA Topoisomerase 4 Subunit A (parC) Rickettsia Conorii Recombinant Protein

PRODUCT OVERVIEW

Product Name	DNA topoisomerase 4 subunit A (parC), Recombinant Protein
Full Product Name	Recombinant Rickettsia conorii DNA topoisomerase 4 subunit A (parC), partial
Product Gene Name	parC recombinant protein
Product Synonym Gene Name	parC
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	83,246 Da
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 Q92JH0
Species	Rickettsia conorii (strain VR-613 / Malish 7)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for parC recombinant protein	MBS1424179 is a recombinant protein targeting parC. Also known as Recombinant Rickettsia conorii DNA topoisomerase 4 subunit A (parC), partial. Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of parC 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 parC. It may not necessarily be applicable to this product.

NCBI GI #	499283721
NCBI Accession #	WP_010976781.1
UniProt Primary Accession #	Q92JH0
GenBank Nucleotide #	WP_010976781.1
NCBI Official Full Name	DNA topoisomerase 4 subunit A
UniProt Protein Name	DNA topoisomerase 4 subunit A
UniProt Synonym Protein Names	Topoisomerase IV subunit A
Protein Family	DNA topoisomerase
UniProt Gene Name	parC

UniProt Comments for parC	Topoisomerase IV is essential for chromosome segregation. It relaxes supercoiled DNA. Performs the decatenation events required during the replication of a circular DNA molecule.
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