Uvrabc System Protein C (uvrC) Thermosynechococcus Elongatus Recombinant Protein

PRODUCT OVERVIEW

Product Name	UvrABC system protein C (uvrC), Recombinant Protein
Full Product Name	Recombinant Thermosynechococcus elongatus UvrABC system protein C (uvrC), partial
Product Gene Name	uvrC recombinant protein
Product Synonym Gene Name	uvrC
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	71,615 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 Q8DI39
Species	Thermosynechococcus elongatus (strain BP-1)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for uvrC recombinant protein	MBS1284735 is a recombinant protein targeting uvrC. Also known as Recombinant Thermosynechococcus elongatus UvrABC system protein C (uvrC), partial. Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of uvrC 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 uvrC. It may not necessarily be applicable to this product.

NCBI GI #	22299296
NCBI GeneID	1011020
NCBI Accession #	NP_682543.1
UniProt Primary Accession #	Q8DI39
UniProt Related Accession #	Q8DI39
GenBank Nucleotide #	NC_004113.1
NCBI Official Full Name	excinuclease ABC subunit C
NCBI Official Symbol	uvrC
UniProt Protein Name	UvrABC system protein C

UniProt Synonym Protein Names	Excinuclease ABC subunit C
Protein Family	UvrABC system protein
UniProt Gene Name	uvrC
UniProt Synonym Gene Names	Protein UvrC
NCBI Protein Information	excinuclease ABC subunit C
UniProt Comments for uvrC	The UvrABC repair system catalyzes the recognition and processing of DNA lesions. UvrC both incises the 5' and 3' sides of the lesion. The N-terminal half is responsible for the 3' incision and the C-terminal half is responsible for the 5' incision.
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