Uvrabc System Protein A (uvrA) Yersinia Pestis Recombinant Protein

PRODUCT OVERVIEW

Product Name	UvrABC system protein A (uvrA), Recombinant Protein
Full Product Name	Recombinant Yersinia pestis UvrABC system protein A (uvrA), partial
Product Gene Name	uvrA recombinant protein
Product Synonym Gene Name	uvrA
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	104,242 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 Q8ZJ07
Species	Yersinia pestis
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for uvrA recombinant protein	MBS1330868 is a recombinant protein targeting uvrA. Also known as Recombinant Yersinia pestis UvrABC system protein A (uvrA), partial. Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of uvrA 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 uvrA. It may not necessarily be applicable to this product.

NCBI GI #	488137891
NCBI Accession #	WP_002209099.1
UniProt Primary Accession #	Q8ZJ07
UniProt Secondary Accession #	Q0WJY4
GenBank Nucleotide #	WP_002209099.1
NCBI Official Full Name	excinuclease ABC subunit A
UniProt Protein Name	UvrABC system protein A
UniProt Synonym Protein Names	Excinuclease ABC subunit A
Protein Family	UvrABC system protein

UniProt Gene Name	uvrA
UniProt Synonym Gene Names	UvrA protein
UniProt Comments for uvrA	The UvrABC repair system catalyzes the recognition and processing of DNA lesions. UvrA is an ATPase and a DNA-binding protein. A damage recognition complex composed of 2 UvrA and 2 UvrB subunits scans DNA for abnormalities. When the presence of a lesion has been verified by UvrB, the UvrA molecules dissociate.
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