ATP-Dependent DNA Helicase Rep (rep) Recombinant Protein

PRODUCT OVERVIEW

Product Name	ATP-dependent DNA helicase rep (rep), Recombinant Protein
Full Product Name	Recombinant Buchnera aphidicola subsp. Baizongia pistaciae ATP-dependent DNA helicase rep (rep), partial
Product Gene Name	rep recombinant protein
Product Synonym Gene Name	rep
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	78,501 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 Q89A21
Species	Buchnera aphidicola subsp. Baizongia pistaciae (strain Bp)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for rep recombinant protein	MBS1411567 is a recombinant protein targeting rep. Also known as Recombinant Buchnera aphidicola subsp. Baizongia pistaciae ATP-dependent DNA helicase rep (rep), partial. Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of rep 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 rep. It may not necessarily be applicable to this product.

NCBI GI #	499404173
NCBI Accession #	WP_011091640.1
UniProt Primary Accession #	Q89A21
GenBank Nucleotide #	WP_011091640.1
NCBI Official Full Name	ATP-dependent DNA helicase Rep
UniProt Protein Name	ATP-dependent DNA helicase Rep
Protein Family	ATP-dependent DNA helicase
UniProt Gene Name	rep

UniProt Comments for rep	Rep helicase is a single-stranded DNA-dependent ATPase involved in DNA replication; it can initiate unwinding at a nick in the DNA. It binds to the single-stranded DNA and acts in a progressive fashion along the DNA in the 3' to 5' direction.
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