Replicative DNA Helicase (12) Enterobacteria Phage P22 Recombinant Protein

PRODUCT OVERVIEW

Product Name	Replicative DNA helicase (12), Recombinant Protein
Full Product Name	Recombinant Enterobacteria phage P22 Replicative DNA helicase (12)
Product Gene Name	12 recombinant protein
Sequence	MRQDIEASVI GGLLIGGLTP TASDVLATLE PEAFSIPLYR KAFEVIRKQA RNRNLIDGLM VAEECGDEYA TAVMMTARSC PSAANLKGYA GMVADSYQRR QVLQLLDEMR EPISNGTLDA SGRAMDELVK RLSSIRKPRN EVKPVRLGEI INDYTDTLDR RLRNGEESDT LKTGIEELDA ITGGMNAEDL VIIAARPGMG KTELALKIAE GVASRVIPGS GVRRGVLIFS MEMSAIQVVE RGIAGAGMMS VSVLRNPSRM DDEGWARVAS GMKLLAELDV WVVDASRLSV EEIRSISERH KQEHPNLSLI MADYLGLIEK PKAERNDLAI AHISGSLKAM AKDLKTPVIS LSQLSRDVEK RPNKRPTNAD LRDSGSIEQD ADSIIMLYRE AVYDENSSAA PFAEIIVTKN RFGSLGTVYQ RFCNGHFVAC DQDEARQICT ASNAPAGRRK RYAQGADV
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	50,127 Da
Sequence Positions	1-458, 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 P03006
Species	Enterobacteria phage P22 (Bacteriophage P22)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for 12 recombinant protein	MBS1256707 is a recombinant protein targeting 12. Also known as Recombinant Enterobacteria phage P22 Replicative DNA helicase (12). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of 12 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 12. It may not necessarily be applicable to this product.

NCBI GI #	9635520
NCBI GeneID	1262823
NCBI Accession #	NP_059611.1
UniProt Primary Accession #	P03006
UniProt Secondary Accession #	Q7PCE7

UniProt Related Accession #	P03006
GenBank Nucleotide #	NC_002371.2
NCBI Official Full Name	hypothetical protein P22gp52
NCBI Official Symbol	12
UniProt Protein Name	Replicative DNA helicase
UniProt Synonym Protein Names	Replication protein gp12
UniProt Gene Name	12
NCBI Protein Information	hypothetical protein
UniProt Comments for 12	Renders P22 DNA replication independent of a functional dnaB gene of the host.
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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