Replication Factor C Large Subunit (rfcL) Pyrobaculum Aerophilum Recombinant Protein

PRODUCT OVERVIEW

Product Name	Replication factor C large subunit (rfcL), Recombinant Protein
Full Product Name	Recombinant Pyrobaculum aerophilum Replication factor C large subunit (rfcL)
Product Gene Name	rfcL recombinant protein
Product Synonym Gene Name	rfcL
Sequence	MALPWIEKYR PKSFAEIVNQ EEAKYTLASW ICLKFRAPKE FCTRWAKKRD KEVAEAKAIL LAGPPGVGKT TLVHALAREI RYELIELNAS DVRTADRLRQ VIGRGLRESS LFGFEGKMVL FDEVDGLHVK EDKGGLEEII EIIETAKIPI IMTANNPYDP KFRPLRDISL VVNLKRLSEE EVVEVLRRIC TSEGAKCEEE ALRSIAKSSM GDLRAAINDL QMYLSGGRRI LTLDDIKRVG ERNPQLSMFE ILDRVYKARW FDEARAVSFN PSFDWEQYFI WALESIPVVY KDLEIASTAY DRLSKADVFM GRIKRTQEWE LLPYALELAL GGVSQIKGKP RLPPFIKYGF PQRLLLLAKS KEARRRRDAL VEYLAQNLHA SKSVIKSEII YVLSALSKNN QSIIEKLSKA LGINAIDIKS VL
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	48,133 Da
Sequence Positions	1-422, 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 Q8ZYK3
Species	Pyrobaculum aerophilum (strain 51768 / IM2 / DSM 7523 / JCM 9630 / NBRC 100827)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for rfcL recombinant protein	MBS1428295 is a recombinant protein targeting rfcL. Also known as Recombinant Pyrobaculum aerophilum Replication factor C large subunit (rfcL). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of rfcL 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 rfcL. It may not necessarily be applicable to this product.

NCBI GI #	42559512
NCBI Accession #	Q8ZYK3.1
UniProt Primary Accession #	Q8ZYK3
NCBI Official Full Name	Replication factor C large subunit

UniProt Protein Name	Replication factor C large subunit
UniProt Synonym Protein Names	Clamp loader large subunit
Protein Family	Replication factor
UniProt Gene Name	rfcL
UniProt Synonym Gene Names	RFC large subunit
UniProt Comments for rfcL	Part of the RFC clamp loader complex which loads the PCNA sliding clamp onto DNA.
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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