Replication Factor C Large Subunit (rfcL) Sulfolobus Acidocaldarius Recombinant Protein

PRODUCT OVERVIEW

Product Name	Replication factor C large subunit (rfcL), Recombinant Protein
Full Product Name	Recombinant Sulfolobus acidocaldarius Replication factor C large subunit (rfcL)
Product Gene Name	rfcL recombinant protein
Product Synonym Gene Name	rfcL
Sequence	MPLQWFLKYR PKSLQEVENQ DEVKEELKKW IESWLNGEPT AKAVLLYGPP GVGKTTLAEA LARDYKLELL EMNASDSRNL RDIKDVAERA SISGSLFGIK GKIILLDEID GIYSRADAGA IPAILELIEK TKYPVILTAN DPWDPSLRSL RNAVKMIELK RLGKYPLKRL LKRICEKEKI VCIDEALDHI IEQSEGDARY CINMLQGIAE GYGKVTLDNV KELVRRKDRE LDPFETLRDV FWAKYYWQAK NAVTNSQVDY ELLMRWFDEN IPLQYTSMED VWRAYEALSR ASVFLTRAKQ VGWDLLSYVF DLMGPGIAFA SLEKKKPGYK ARWVKYQFPQ YIQALARTKE KRDSIETLLK KIGEKTHTSK RKVLNDTLPF LASYYTRHAE AVENYLQLTE GEKEILNVFT QASKPTSEEK AEKSKKYYPK RSSSRKT
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	50,532 Da
Sequence Positions	1-437, 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 Q4JAB1
Species	Sulfolobus acidocaldarius (strain 33909 / DSM 639 / JCM 8929 / NBRC 15157 / NCIMB 11770)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for rfcL recombinant protein	MBS1418893 is a recombinant protein targeting rfcL. Also known as Recombinant Sulfolobus acidocaldarius 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 #	499597037
NCBI GeneID	3473017
NCBI Accession #	WP_011277771.1
UniProt Primary Accession #	Q4JAB1

UniProt Related Accession #	Q4JAB1
GenBank Nucleotide #	WP_011277771.1
NCBI Official Full Name	replication protein C
NCBI Official Symbol	SACI_RS04330
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
NCBI Protein Information	replication protein C
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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