Chromosomal Replication Initiator Protein Dnaa (dnaA) Recombinant Protein

PRODUCT OVERVIEW

Product Name	Chromosomal replication initiator protein DnaA (dnaA), Recombinant Protein
Full Product Name	Recombinant Leptospira interrogans serogroup Icterohaemorrhagiae serovar Lai Chromosomal replication initiator protein DnaA (dnaA)
Product Gene Name	dnaA recombinant protein
Product Synonym Gene Name	dnaA
Sequence	MFLEEKLNLV WNKILEEVSK KISPQYYERF IDTLKLETIN SEKCTIIAPS ATIKTHVERK YQSIIENAIL ETCGDKIPVE ILIETKAASP LQSILEKSFD QKDFQFNPDY TFETFIVGDC NRLAYTAAKE CVRKPAEINP LYIFGSVGVG KTHLLHAIGS ELTKKDPWKT VCYVDISSFM NEFRFALQSR ELIESFKIKY QSYNCLIVDD IQLLSTNAEK TQDEFFALFN FLFERKRQIV IASDRPSSEL AIHERLKSRF VTGVQADIQY PDREIRKGIV THHSKIMDLG LSEDILDFLA DQIEEDTRLL LGALNDIYLY KKSYSLLFLN LDKVKEIVKN RLYRKKNIEF SHDRIIEAVA KEFNLNTAEI MGKSRKKELI IPRHICFYLL HNVFNVNKSQ VGRLFQTQHT TVIHGVRKTE ELLSNNKEMR FLVERISSKY KLQ
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	51,622 Da
Sequence Positions	1-443, 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 Q8FA34
Species	Leptospira interrogans serogroup Icterohaemorrhagiae serovar Lai (strain 56601)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for dnaA recombinant protein	MBS1353241 is a recombinant protein targeting dnaA. Also known as Recombinant Leptospira interrogans serogroup Icterohaemorrhagiae serovar Lai Chromosomal replication initiator protein DnaA (dnaA). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of dnaA 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 dnaA. It may not necessarily be applicable to this product.

NCBI GI #	24212701
NCBI GeneID	1149344

NCBI Accession #	NP_710182.1
UniProt Primary Accession #	Q8FA34
UniProt Related Accession #	Q8FA34
GenBank Nucleotide #	NC_004342.2
NCBI Official Full Name	chromosomal replication initiation protein A
NCBI Official Symbol	dnaA
UniProt Protein Name	Chromosomal replication initiator protein DnaA
Protein Family	Chromosomal replication initiator protein
UniProt Gene Name	dnaA
NCBI Protein Information	chromosomal replication initiation protein A
UniProt Comments for dnaA	Plays an important role in the initiation and regulation of chromosomal replication. Binds to the origin of replication; it binds specifically double-stranded DNA at a 9 bp consensus (dnaA box): 5'-TTATC[CA]A[CA]A-3'. DnaA binds to ATP and to acidic phospholipids.
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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