DNA Primase (dnaG) Staphylococcus Aureus Recombinant Protein

PRODUCT OVERVIEW

Product Name	DNA primase (dnaG), Recombinant Protein
Full Product Name	Recombinant Staphylococcus aureus DNA primase (dnaG), partial
Product Gene Name	dnaG recombinant protein
Sequence	DDLQMIEMHE LIQEFYYYAL TKTVEGEQAL TYLQERGFTD ALIKERGIGF APDSSHFCHD FLQKKGYDIE LAYEAGLLSR NEENFSYYDR FRNRIMFPLK NAQGRIVGYS GRTYTGQEPK YLNSPETPIF QKRKLLYNLD KARKSIRKLD EIVLLEGFMD VIKSDTAGLK NVVATMGTQL SDEHITFIRK LTSNITLMFD GDFAGSEATL KTGQHLLQQG LNVFVIQLPS GMDPDEYIGK YGNDAFTTFV KNDKKSFAHY KVSILKDEIA HNDLSYERYL KELSHDISLM KSSILQQKAI NDVAPFFNVS PEQLANEIQF NQAPAN
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	70,002 Da
Sequence Positions	111-436. Partial.
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 O05338
Species	Staphylococcus aureus
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for dnaG recombinant protein	MBS1200764 is a recombinant protein targeting dnaG. Also known as Recombinant Staphylococcus aureus DNA primase (dnaG), partial. Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of dnaG 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 dnaG. It may not necessarily be applicable to this product.

NCBI GI #	38605698
NCBI Accession #	O05338.2
UniProt Primary Accession #	O05338
NCBI Official Full Name	DNA primase
UniProt Protein Name	DNA primase
Protein Family	DNA primase

UniProt Gene Name	dnaG
UniProt Comments for dnaG	RNA polymerase that catalyzes the synthesis of short RNA molecules used as primers for DNA polymerase during DNA replication.
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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