Probable DNA Primase Large Subunit (priB) Methanopyrus Kandleri Recombinant Protein

PRODUCT OVERVIEW

Product Name	Probable DNA primase large subunit (priB), Recombinant Protein
Full Product Name	Recombinant Methanopyrus kandleri Probable DNA primase large subunit (priB)
Product Gene Name	priB recombinant protein
Product Synonym Gene Name	priB
Sequence	MRSWFPHAPT VSVPEIEPEE ALSYRDEIRT RVRSYAFGLD DWRAKVKTRR AYLRKVRDED ESEILRVYGA LLTVAAAGPR PVRHLIAEGE SAMAETALYA LRHEDESAMS YPEERVLSDL YLWDVRVLER DLGLYAVHFS FPLIHRSPEG QKLKVLVWER ASLEKVLKEV RSNRVLGVRV LDPSGWNDVW ICPRCGATRR GGTGDLEQDH ARRCSNCRGR MRKPDPNLLE MLKEPEGYLI MHFKTLARTF REDVRRLVVS DIESRDDVED EELREFCLKL FPKVRKRLER VEKGAGGRFP PCIRELLRRA QEGENLPHEA RFALAAFLVN VGWDVDRVVE VFSNLPDFDE ERTQYQVRHI AGEVGGGTRY LPPNCDKMKA WGLCPGKDCG VKNPLAYYRR PRADDG
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	46,873 Da
Sequence Positions	1-406, 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 Q8TVJ5
Species	Methanopyrus kandleri (strain AV19 / DSM 6324 / JCM 9639 / NBRC 100938)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for priB recombinant protein	MBS1329891 is a recombinant protein targeting priB. Also known as Recombinant Methanopyrus kandleri Probable DNA primase large subunit (priB). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of priB 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 priB. It may not necessarily be applicable to this product.

NCBI GI #	34395794
NCBI Accession #	Q8TVJ5.1
UniProt Primary Accession #	Q8TVJ5
NCBI Official Full Name	DNA primase large subunit PriL

UniProt Protein Name	DNA primase large subunit PriL
Protein Family	Primosomal replication protein
UniProt Gene Name	priL
UniProt Comments for priB	Regulatory subunit of DNA primase, an RNA polymerase that catalyzes the synthesis of short RNA molecules used as primers for DNA polymerase during DNA replication. Stabilizes and modulates the activity of the small subunit, increasing the rate of DNA synthesis, and conferring RNA synthesis capability. The DNA polymerase activity may enable DNA primase to also catalyze primer extension after primer synthesis. May also play a role in DNA repair.
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