Primosomal Replication Protein N (priB) Salmonella Heidelberg Recombinant Protein

PRODUCT OVERVIEW

Product Name	Primosomal replication protein n (priB), Recombinant Protein
Full Product Name	Recombinant Salmonella heidelberg Primosomal replication protein n (priB)
Product Gene Name	priB recombinant protein
Sequence	MTNRLALSGT VCRAPLRKVS PSGIPHCQFV LEHRSVQEEA GFHRQAWCQM PVIVSGHENQ AITHSITVGS RITVQGFISC HKAKNGLSKM VLHAEQIELI DSGD
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	11,414 Da
Sequence Positions	1-104, Full length
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 B4TFD6
Species	Salmonella heidelberg (strain SL476)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for priB recombinant protein	MBS1263671 is a recombinant protein targeting priB. Also known as Recombinant Salmonella heidelberg Primosomal replication protein n (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 #	486155402
NCBI GeneID	1255918
NCBI Accession #	WP_001519453.1
UniProt Primary Accession #	B4TFD6
UniProt Related Accession #	Q8ZK82
GenBank Nucleotide #	WP_001519453.1
NCBI Official Full Name	MULTISPECIES: primosomal replication protein N

NCBI Official Symbol	priB
UniProt Protein Name	Primosomal replication protein N
Protein Family	Primosomal replication protein
UniProt Gene Name	priB
NCBI Protein Information	primosomal replication protein N
UniProt Comments for priB	Binds single-stranded DNA at the primosome assembly site (PAS). During primosome assembly it facilitates the complex formation between PriA and DnaT.
Research Articles on priB	**1.** Binding mode is proposed for forming a stable complex of PriB with ssDNA of 25 nucleotides.
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