Primosomal Protein 1 (dnaT) Escherichia Coli O8 Recombinant Protein

PRODUCT OVERVIEW

Product Name	Primosomal protein 1 (dnaT), Recombinant Protein
Full Product Name	Recombinant Escherichia coli O8 Primosomal protein 1 (dnaT)
Product Gene Name	dnaT recombinant protein
Sequence	MSSRVLTPDV VGIDALVHDH QTVLAKAEGG VVAVFANNAP AFYAVTPARL AELLALEEKL ARPGSDVALD DQLYQEPQAA PVAVPMGKFA MYPDWQPDAD FIRLAALWGV ALREPVTTEE LTSFIAYWQA EGKVFHHVQW QQKLARSLQI GRASNGGLPK RDVNTVSEPD SQIPPGFRG
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	19,485 Da
Sequence Positions	1-179, 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 B7LXS5
Species	Escherichia coli O8 (strain IAI1)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for dnaT recombinant protein	MBS1262023 is a recombinant protein targeting dnaT. Also known as Recombinant Escherichia coli O8 Primosomal protein 1 (dnaT). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of dnaT 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 dnaT. It may not necessarily be applicable to this product.

NCBI GI #	446020964
NCBI Accession #	WP_000098819.1
UniProt Primary Accession #	B7LXS5
GenBank Nucleotide #	WP_000098819.1
NCBI Official Full Name	MULTISPECIES: primosomal protein 1
UniProt Protein Name	Primosomal protein 1
UniProt Synonym Protein Names	Primosomal protein I

Protein Family	Primosomal protein
UniProt Gene Name	dnaT
UniProt Comments for dnaT	This protein is required for primosome-dependent normal DNA replication; it is also involved in inducing stable DNA replication during SOS response. It forms, in concert with DnaB protein and other prepriming proteins DnaC, N, N', N'' a prepriming protein complex on the specific site of the template DNA recognized by protein N'.
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