DNA Polymerase III Subunit Alpha (dnaE) Staphylococcus Aureus Recombinant Protein

PRODUCT OVERVIEW

Product Name	DNA polymerase III subunit alpha (dnaE), Recombinant Protein
Full Product Name	Recombinant Staphylococcus aureus DNA polymerase III subunit alpha (dnaE), partial
Product Gene Name	dnaE recombinant protein
Product Synonym Gene Name	dnaE
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	123,044 Da
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 Q6GG04
Species	Staphylococcus aureus (strain MRSA252)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for dnaE recombinant protein	MBS1323018 is a recombinant protein targeting dnaE. Also known as Recombinant Staphylococcus aureus DNA polymerase III subunit alpha (dnaE), partial. Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of dnaE 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 dnaE. It may not necessarily be applicable to this product.

NCBI GI #	446149075
NCBI Accession #	WP_000226930.1
UniProt Primary Accession #	Q6GG04
GenBank Nucleotide #	WP_000226930.1
NCBI Official Full Name	MULTISPECIES: DNA polymerase III subunit alpha
UniProt Protein Name	DNA polymerase III subunit alpha
UniProt Gene Name	dnaE
UniProt Comments for dnaE	DNA polymerase III is a complex, multichain enzyme responsible for most of the replicative synthesis in bacteria. This DNA polymerase also exhibits 3' to 5' exonuclease activity. The alpha chain is the DNA polymerase ().

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