Chaperone Protein Dnak 1 (dnaK1) Synechococcus Sp. Recombinant Protein

PRODUCT OVERVIEW

Product Name	Chaperone protein DnaK 1 (dnaK1), Recombinant Protein
Full Product Name	Recombinant Synechococcus sp. Chaperone protein DnaK 1 (dnaK1), partial
Product Gene Name	dnaK1 recombinant protein
Product Synonym Gene Name	dnaK1
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	84,194 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 Q5N1V0
Species	Synechococcus sp. (strain 27144 / PCC 6301 / SAUG 1402/1) (Anacystis nidulans)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for dnaK1 recombinant protein	MBS1369080 is a recombinant protein targeting dnaK1. Also known as Recombinant Synechococcus sp. Chaperone protein DnaK 1 (dnaK1), partial. Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of dnaK1 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 dnaK1. It may not necessarily be applicable to this product.

NCBI GI #	499563057
NCBI Accession #	WP_011243840.1
UniProt Primary Accession #	Q5N1V0
GenBank Nucleotide #	WP_011243840.1
NCBI Official Full Name	molecular chaperone DnaK
UniProt Protein Name	Chaperone protein DnaK 1
UniProt Synonym Protein Names	HSP70 1
Protein Family	Chaperone protein
UniProt Gene Name	dnaK1

UniProt Comments for dnaK1	Acts as a chaperone.
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