Chaperone Protein Dnak (Dnak), Partial (dnaK) Methanothermobacter Thermautotrophicus Recombinant Protein

PRODUCT OVERVIEW

Product Name	Chaperone protein DnaK (dnaK), partial, Recombinant Protein
Full Product Name	Recombinant Methanothermobacter thermautotrophicus Chaperone protein DnaK (dnaK), partial
Product Gene Name	dnaK recombinant protein
Product Synonym Gene Name	dnaK; MTH_1290
Product Synonym Names	Chaperone protein DnaK; HSP70; Heat shock 70 kDa protein; Heat shock protein 70
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	64,460 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 O27351
Species	Methanothermobacter thermautotrophicus (strain 29096 / DSM 1053 / JCM 10044 / NBRC 100330 / Delta H) (Methanobacterium thermoautotrophicum)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for dnaK recombinant protein	MBS1061663 is a recombinant protein targeting dnaK. Also known as Recombinant Methanothermobacter thermautotrophicus Chaperone protein DnaK (dnaK), partial. Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of dnaK 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 dnaK. It may not necessarily be applicable to this product.

NCBI GI #	15679294
NCBI GeneID	1471698
NCBI Accession #	NP_276411.1
UniProt Primary Accession #	O27351
UniProt Related Accession #	O27351
GenBank Nucleotide #	NC_000916.1

NCBI Official Full Name	molecular chaperone DnaK
NCBI Official Symbol	dnaK
UniProt Protein Name	Chaperone protein DnaK
UniProt Synonym Protein Names	HSP70; Heat shock 70 kDa protein; Heat shock protein 70
Protein Family	Chaperone protein
UniProt Gene Name	dnaK
UniProt Synonym Gene Names	MTH_1290
UniProt Entry Name	DNAK_METTH
NCBI Protein Information	molecular chaperone DnaK
UniProt Comments for dnaK	Acts as a chaperone.
Research Articles on dnaK	**1.** GrpE(M.th.) and DnaJ(M.th.) substitute their eubacterial counterparts whereas DnaK(M.th.) is only functional with its native cochaperones
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