Thermosome Subunit Beta (Thsb), Partial (thsB) Pyrococcus Kodakaraensis Recombinant Protein

PRODUCT OVERVIEW

Product Name	Thermosome subunit beta (thsB), partial, Recombinant Protein
Full Product Name	Recombinant Pyrococcus kodakaraensis Thermosome subunit beta (thsB), partial
Product Gene Name	thsB recombinant protein
Product Synonym Gene Name	thsB; cpkB; ths; TK2303
Product Synonym Names	Thermosome subunit beta; Chaperonin subunit beta; Thermosome subunit 2
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	59,158 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 Q52500
Species	Pyrococcus kodakaraensis (strain BAA-918 / JCM 12380 / KOD1) (Thermococcus kodakaraensis (strain KOD1))
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for thsB recombinant protein	MBS1434563 is a recombinant protein targeting thsB. Also known as Recombinant Pyrococcus kodakaraensis Thermosome subunit beta (thsB), partial. Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of thsB 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 thsB. It may not necessarily be applicable to this product.

NCBI GI #	57642238
NCBI GeneID	3233720
NCBI Accession #	YP_184716.1
UniProt Primary Accession #	Q52500
UniProt Related Accession #	Q52500
GenBank Nucleotide #	NC_006624.1
NCBI Official Full Name	chaperonin beta subunit

NCBI Official Symbol	TK2303
UniProt Protein Name	Thermosome subunit beta
UniProt Synonym Protein Names	Chaperonin subunit beta; Thermosome subunit 2
Protein Family	Thermosome
UniProt Gene Name	thsB
UniProt Synonym Gene Names	cpkB; ths
UniProt Entry Name	THSB_THEKO
NCBI Protein Information	chaperonin beta subunit
UniProt Comments for thsB	Molecular chaperone; binds unfolded polypeptides in vitro, and has a weak ATPase activity.
Precautions	All of MyBioSource's Products are for scientific laboratory research purposes and are not for diagnostic, therapeutics, prophylactic or in vivo use. Through your purchase, you expressly represent and warrant to MyBioSource that you will properly test and use any Products purchased from MyBioSource in accordance with industry standards. MyBioSource and its authorized distributors reserve the right to refuse to process any order where we reasonably believe that the intended use will fall outside of our acceptable guidelines.
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