60 Kda Chaperonin (groL) Mycobacterium Kansasii Recombinant Protein

PRODUCT OVERVIEW

Product Name	60 kDa chaperonin (groL), Recombinant Protein
Full Product Name	Recombinant Mycobacterium kansasii 60 kDa chaperonin (groL)
Product Gene Name	groL recombinant protein
Product Synonym Gene Name	groL
Sequence	PYEKIGAELV KEVAKKTDDV AGDGTTTATV LAQALVKEGL RNVAAGANPL GLKRGIEKAV EKVTETLLKG AKEVETKEQI AATAAISAGD QSIGDLIAEA MDKVGNEGVI TVEESNTFGL
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	12,351 Da
Sequence Positions	1-120, 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 Q49594
Species	Mycobacterium kansasii
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for groL recombinant protein	MBS1319103 is a recombinant protein targeting groL. Also known as Recombinant Mycobacterium kansasii 60 kDa chaperonin (groL). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of groL 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 groL. It may not necessarily be applicable to this product.

NCBI GI #	2493625
NCBI Accession #	Q49594.1
UniProt Primary Accession #	Q49594
UniProt Secondary Accession #	Q49595; Q49596
NCBI Official Full Name	60 kDa chaperonin
UniProt Protein Name	60 kDa chaperonin

UniProt Synonym Protein Names	65 kDa heat shock protein; GroEL protein; Protein Cpn60
Protein Family	60 kDa chaperonin
UniProt Gene Name	groL
UniProt Synonym Gene Names	groEL; mopA
UniProt Comments for groL	Prevents misfolding and promotes the refolding and proper assembly of unfolded polypeptides generated under stress conditions.
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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