60 Kda Chaperonin (groL) Bacillus Weihenstephanensis Recombinant Protein

PRODUCT OVERVIEW

Product Name	60 kDa chaperonin (groL), Recombinant Protein
Full Product Name	Recombinant Bacillus weihenstephanensis 60 kDa chaperonin (groL), partial
Product Gene Name	groL recombinant protein
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	57,432 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 A9VQG8
Species	Bacillus weihenstephanensis (strain KBAB4)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for groL recombinant protein	MBS1200807 is a recombinant protein targeting groL. Also known as Recombinant Bacillus weihenstephanensis 60 kDa chaperonin (groL), partial. 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 #	487956047
NCBI Accession #	WP_002029451.1
UniProt Primary Accession #	A9VQG8
GenBank Nucleotide #	WP_002029451.1
NCBI Official Full Name	MULTISPECIES: molecular chaperone GroEL
UniProt Protein Name	60 kDa chaperonin
UniProt Synonym Protein Names	GroEL protein
Protein Family	60 kDa chaperonin
UniProt Gene Name	groL

UniProt Comments for groL	Prevents misfolding and promotes the refolding and proper assembly of unfolded polypeptides generated under stress conditions.
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