60 Kda Chaperonin 1 (groL1) Prochlorococcus Marinus Recombinant Protein

PRODUCT OVERVIEW

Product Name	60 kDa chaperonin 1 (groL1), Recombinant Protein
Full Product Name	Recombinant Prochlorococcus marinus 60 kDa chaperonin 1 (groL1), partial
Product Gene Name	groL1 recombinant protein
Product Synonym Gene Name	groL1
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	59,389 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 Q7V643
Species	Prochlorococcus marinus (strain MIT 9313)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for groL1 recombinant protein	MBS1420798 is a recombinant protein targeting groL1. Also known as Recombinant Prochlorococcus marinus 60 kDa chaperonin 1 (groL1), partial. Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of groL1 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 groL1. It may not necessarily be applicable to this product.

NCBI GI #	499443238
NCBI Accession #	WP_011130702.1
UniProt Primary Accession #	Q7V643
GenBank Nucleotide #	WP_011130702.1
NCBI Official Full Name	molecular chaperone GroEL
UniProt Protein Name	60 kDa chaperonin 1
UniProt Synonym Protein Names	GroEL protein 1
Protein Family	60 kDa chaperonin
UniProt Gene Name	groL1

UniProt Comments for groL1	Prevents misfolding and promotes the refolding and proper assembly of unfolded polypeptides generated under stress conditions.
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