Gtpase Der (der) Synechococcus Sp. Recombinant Protein

PRODUCT OVERVIEW

Product Name	GTPase Der (der), Recombinant Protein
Full Product Name	Recombinant Synechococcus sp. GTPase Der (der)
Product Gene Name	der recombinant protein
Sequence	MALPVVAIIG RPNVGKSTLV NRLCRSRDAI VHDEPGVTRD RTYQEGFWGG RTFRVVDTGG LVFDDDSEFL PEIREQASLA MAEACVALVI VDGQQGLTAA DEAIAAWLRQ QKCPVLLGVN KCESPEQGLA MAAEFWALGL GEPKPISAIH GAGTGDLLDQ VLDFLPPQDE EEAPEPIQMA IVGRPNVGKS SLLNTVCGEN RAIVSPIRGT TRDTIDTSIE REGQSWKLLD TAGIRRRRSV NYGPEFFGIN RSFKAIERSD VCVLVIDAEE GVTEQDQRLA GRIEEEGRAC LVVVNKWDLV EKDSHTMPAM EKELRSKLYF LEWAPMLFIS ALTGQRVERI FPLAVLAVEQ HRRRVTTAVV NEVLQEALSW RSPPTTRGGR QGRLYYGTQV AVRPPSFTLF VNEPKLFGDT YRRYVERQIR QGLGFEGSPV RLFWRGKQQR DAERDQARAA SR
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	50,399 Da
Sequence Positions	1-452, 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 A5GR60
Species	Synechococcus sp. (strain RCC307)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for der recombinant protein	MBS1184365 is a recombinant protein targeting der. Also known as Recombinant Synechococcus sp. GTPase Der (der). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of der 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 der. It may not necessarily be applicable to this product.

NCBI GI #	500468050
NCBI Accession #	WP_011934884.1
UniProt Primary Accession #	A5GR60
GenBank Nucleotide #	WP_011934884.1
NCBI Official Full Name	ribosome biogenesis GTPase Der

UniProt Protein Name	GTPase Der
UniProt Synonym Protein Names	GTP-binding protein EngA
Protein Family	D-erythrulose reductase
UniProt Gene Name	der
UniProt Comments for der	GTPase that plays an essential role in the late steps of ribosome biogenesis.
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