# Gtpase Der (der) Staphylococcus Aureus Recombinant Protein

## PRODUCT OVERVIEW

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| **Product Name** | GTPase Der (der), Recombinant Protein |
| **Full Product Name** | Recombinant Staphylococcus aureus GTPase Der (der) |
| **Product Gene Name** | der recombinant protein |
| **Sequence** | MTKPIVAIVG RPNVGKSTIF NRIVGERVSI VEDTPGVTRD RIYSSGEWLT HDFNIIDTGG IEIGDAPFQT QIRAQAEIAI DEADVIIFMV NVREGLTQSD EMVAQILYKS KKPVVLAVNK VDNMEMRTDV YDFYSLGFGE PYPISGSHGL GLGDLLDAVV SHFGEEEEDP YDEDTIRLSI IGRPNVGKSS LVNAILGEDR VIVSNVAGTT RDAIDTEYSY DGQDYVLIDT AGMRKKGKVY ESTEKYSVLR ALKAIERSNV VLVVIDAEQG IIEQDKRVAG YAHEQGKAVV IVVNKWDTVE KDSKTMKKFE DEVRKEFQFL DYAQIAFVSA KERTRLRTLF PYINEASENH KKRVQSSTLN EVVTDAISMN PTPTDKGRRL NVFYATQVAI EPPTFVVFVN DVELMHFSYK RYLENQIRAA FGFEGTPIHI IARKRN |
| **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** | 48,980 Da |
| **Sequence Positions** | 1-436, 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 A6U1U3 |
| **Species** | Staphylococcus aureus (strain JH1) |
| **ISO Certification** | Manufactured in an ISO 9001:2015 Certified Laboratory. |
| **Related Product Information for der recombinant protein** | MBS1109926 is a recombinant protein targeting der. Also known as Recombinant Staphylococcus aureus 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.

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| **NCBI GI #** | 446087675 |
| **NCBI Accession #** | WP_000165530.1 |
| **UniProt Primary Accession #** | A6U1U3 |
| **GenBank Nucleotide #** | WP_000165530.1 |
| **NCBI Official Full Name** | MULTISPECIES: ribosome biogenesis GTPase Der |

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| **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. |
| **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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