



Recombinant *Synechococcus elongatus* GTPase Der (der)

Product Code	CSB-EP653917FPY
Abbreviation	der
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
Uniprot No.	Q31KP9
Product Type	Recombinant Protein
Immunogen Species	<i>Synechococcus elongatus</i> (strain PCC 7942) (<i>Anacystis nidulans</i> R2)
Purity	>85% (SDS-PAGE)
Sequence	MPLPIVAILG RPNVGKSTLV NRLAGSREAI VHDEPGVTRD RTYQEAFWCD RDFTVVDTGG LVFDDDTEFL PLIREQAELA LAEAALAVLV VDGQAGLTAA DNEIADWLRH QNRPIVVAVN KCESPDKGAA QAAEFWSLGF GEPLISSIH GSGTGELLDR VLELLPPADE AAGDETEIGV AIVGRPENVGK SLLNSFLGE QRAIVSPIAG TTRDAIDTVI ERNDQRYRLV DTAGIRRKRKRG VDYGPEFFGI NRSFKAIRRA DVCLLVIDVL DGVTDQDQKL AGRIEEDGRA CVIVVNKWDA HEKDSSTIYE VERQLRDRLY FLDWAPMIFV SALTGQRVEK ILDQVNTVVE QHRRRVGTSV INEVLGDAIA WRTPTTRQG RQGRIYYGTQ VTTQPPSFTL FVNDPKLFGE SYRRYIERQF RESLGFSGTP IRLFWRGKKS RELERGANRA TRV
Source	E.coli
Target Names	der
Protein Names	Recommended name: GTPase Der Alternative name(s): GTP-binding protein EngA
Expression Region	1-453
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	Tag type will be determined during the manufacturing process.
Protein Length	full length protein
Reconstitution	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.
Shelf Life	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life



of lyophilized form is 12 months at -20°C/-80°C.