



Recombinant *Geobacter sulfurreducens* GTPase Der (der)

Product Code	CSB-EP744869GBK
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.	Q74AX4
Product Type	Recombinant Protein
Immunogen Species	<i>Geobacter sulfurreducens</i> (strain ATCC 51573 / DSM 12127 / PCA)
Purity	>85% (SDS-PAGE)
Sequence	MILPIVAIVG RPNVGKSTLF NRLVGRRKAI VDDMPGVTRD RNYETVTRFD VPFILIDTGG FEPESSDRLL QQMREQSRLA MEEADVILFL MDGRAGLNPA DVEVVEMLRR VDKPVFFVFN KVDGETLEVA ASEFYSLGVD NLLTISAEHN RGVRDLMDEV VAALPQRTTS PEERNATKIA VVGRPNVGKS SLVNRLLYGYE RVVANPTPGT TRDSVDTWFT CNKKRYLLID TAGIRRKGKT TQKIEKYSVV DSLRSIERAD VVLIVLNAEE GVTEQDERIA GYAFEAGKAC IFVVNKWDAI EKDNSSVGRF VDKIRTEFKY LAFVPIVFS AKTGQRLNRI MEEVEKVMQAQ YVKRVTTSEL NRIFSAAVES HHHPLVMGRR VKFYFATQVG TRPPTFVIFT NRPDGMHFSY ERYLVNKFRE AFDFTGTPLR LLFRGRER
Source	E.coli
Target Names	der
Protein Names	Recommended name: GTPase Der Alternative name(s): GTP-binding protein EngA
Expression Region	1-438
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.