



# Recombinant Escherichia coli Diguanylate cyclase DosC (dosC)

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|--------------------------|--|
| <b>Product Code</b>      | CSB-MP364454ENV  |
| <b>Storage</b>           | The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself.<br>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.   |
| <b>Uniprot No.</b>       | P0AA89   |
| <b>Product Type</b>      | Recombinant Protein  |
| <b>Immunogen Species</b> | Escherichia coli (strain K12)  |
| <b>Purity</b>            | >85% (SDS-PAGE)  |
| <b>Sequence</b>          | MEMYFKRMKD EWTGLVEQAD PPIRAKAAEI AVAHAHYLSI EFYRIVRIDP<br>HAEFLSNEQ VERQLKSAME RWIINVLSAQ VDDVERLIQI QHTVAEVHAR<br>IGIPVEIVEM GFRVLKKILY PVIFSSDYSA AEKLQVYHFS INSIDIAMEV<br>MTRAFFSDS SASKEDENYR IFSLLENAEE EKERQIASIL SWEIDIYKI<br>LLDSDLGSSL PLSQADFGLW FNHKGRHYFS GIAEVGHISR LIQDFDGIFN<br>QTMNRNRLN NRSLRVKFL QIRNTVSQII TLLRELFEV SRHEVGMDVL<br>TKLLNRRFLP TIFKREIAHA NRTGTPLSVL IIDVDKFKEI NDTWGHNTGD<br>EILRKVSQAF YDNVRSSDYV FRYGGDEFII VLTEASENET LRТАERIRSR<br>VEKTKLKAAN GEDIALSLSI GAAMFNGHPD YERLIQIADE ALYIAKRRGR<br>NRVELWKASL |
| <b>Source</b>            | Mammalian cell   |
| <b>Target Names</b>      | dosC   |
| <b>Protein Names</b>     | Recommended name: Diguanylate cyclase DosC Short name= DGC EC=<br>2.7.7.65   |
| <b>Expression Region</b> | 1-460  |
| <b>Notes</b>             | Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.  |
| <b>Tag Info</b>          | Tag type will be determined during the manufacturing process.  |
| <b>Protein Length</b>    | full length protein  |
| <b>Reconstitution</b>    | 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.  |
| <b>Shelf Life</b>        | The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself.<br>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.   |