



# Recombinant Escherichia coli Anaerobic glycerol-3-phosphate dehydrogenase subunit B (glpB)

|                          |  |
|--------------------------|--|
| <b>Product Code</b>      | CSB-EP637171EGW-B  |
| <b>Abbreviation</b>      | glpB   |
| <b>Storage</b>           | 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.  |
| <b>Uniprot No.</b>       | Q1R9H5   |
| <b>Product Type</b>      | Recombinant Protein  |
| <b>Immunogen Species</b> | Escherichia coli (strain UTI89 / UPEC)   |
| <b>Purity</b>            | >85% (SDS-PAGE)  |
| <b>Sequence</b>          | <p> MRFDTVIMGG GLAGLLCGLQ LQKHGLRCAI VTRGQSALHF SSGSLDLLSH<br/> LPDGQPVTDI HSGLESLRQQ APAHPYTLLG PQRVLDLACQ AQUALIAESGA<br/> QLQGSVELAH QRITPLGTLR STWLSSPEVP VWPLPAKKIC VVGISGLMDF<br/> QAHLAAASLR ELDLAVETAE IELPELDVLR NNATEFRAVN IARFLDNEEN<br/> WPLIIDALIP VANTCEMILM PACFGLADDK LWRWLNKLP CSLMLLPTLP<br/> PSVLGIRLQN QLQRQFVRQG GVVWMPGDEVK KVTCKNGVVN EIWTRNHADI<br/> PLRPRFAVLA SGSFFSGGLV AERDGI REPI LGLDVLQTAT RGEWYKGDFF<br/> APQPWQQFGV TTDEALRPSQ AGQTIENTLFA IGSVLGGFDP IAQGCGGGVC<br/> AVSALHAAQQ IAQRAGGQQ </p> |
| <b>Source</b>            | E.coli   |
| <b>Target Names</b>      | glpB   |
| <b>Protein Names</b>     | Recommended name: Anaerobic glycerol-3-phosphate dehydrogenase subunit B Short name= Anaerobic G-3-P dehydrogenase subunit B Short name= Anaerobic G3Pdhase B EC= 1.1.5.3  |
| <b>Expression Region</b> | 1-419  |
| <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.  |



## 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.