



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

|                          |  |
|--------------------------|--|
| <b>Product Code</b>      | CSB-EP484098ENM  |
| <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>       | B7LAR0   |
| <b>Product Type</b>      | Recombinant Protein  |
| <b>Immunogen Species</b> | Escherichia coli (strain 55989 / EAEC)   |
| <b>Purity</b>            | >85% (SDS-PAGE)  |
| <b>Sequence</b>          | MRFDTVIMGG GLAGLLCGLQ LQKHGLRCAI VTRGQSALHF SSGSLDLLSH<br>LPDGQPVTDI HSGLESLRQQ APAHPYSLE PQRVLDLACQ AQALIAESGA<br>QLQGSVELAH QRVTPLGTLR ATWLSSPEVP VWPLPAKKIC VVGISGLMDF<br>QAHLAAASLR ELDLSVETAE IELPELDVLR NNATEFRAVN IARFLDNEEN<br>WPLLLDALIP VANTCEMILM PACFGLADDK LWRWLNEKLP CSLMLLPTLP<br>PSVLGIRLQN QLQRQFVRQG GVWMPGDEVK KVTCKNGVVN EIWTRNHADI<br>PLRPRFAVLA SGSFFSGGLV AERNGIREPI LGLDVLQTAT RGEWYKGDFF<br>APQPWQQFGV TTDETLRPSQ AGQTIENTLFA IGSVLGGFDP IAQGCGGGVC<br>AVSALHAAQQ IAQRAGGQQ |
| <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=<br>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.  |
| <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.   |



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.