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## Product Datasheet

### Recombinant Escherichia coli 2,3-bisphosphoglycerate-dependent phosphoglycerate mutase (gpmA) CSB-EP351195ENV

|                            |                                                                                                                                                                                                                                    |
|----------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Article Name               | Recombinant Escherichia coli 2,3-bisphosphoglycerate-dependent phosphoglycerate mutase (gpmA)                                                                                                                                      |
| Biozol Catalog Number      | CSB-EP351195ENV                                                                                                                                                                                                                    |
| Supplier Catalog Number    | CSB-EP351195ENV                                                                                                                                                                                                                    |
| Alternative Catalog Number | CSB-EP351195ENV-1,CSB-EP351195ENV-100,CSB-EP351195ENV-20                                                                                                                                                                           |
| Manufacturer               | Cusabio                                                                                                                                                                                                                            |
| Category                   | Proteine/Peptide                                                                                                                                                                                                                   |
| Species Reactivity         | E. coli                                                                                                                                                                                                                            |
| Molecular Weight           | 33.5 kDa                                                                                                                                                                                                                           |
| Tag                        | N-terminal 10xHis-tagged and C-terminal Myc-tagged                                                                                                                                                                                 |
| UniProt                    | <a href="#">P62707</a>                                                                                                                                                                                                             |
| Buffer                     | If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0. |
| Source                     | E.coli                                                                                                                                                                                                                             |
| Expression System          | 2-250aa                                                                                                                                                                                                                            |
| Purity                     | Greater than 95% as determined by SDS-PAGE.                                                                                                                                                                                        |
| Form                       | Liquid or Lyophilized powder                                                                                                                                                                                                       |

|                   |                                                                                                                                                                                                                                                                                                                                                                                                             |
|-------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Sequence          | AVTKLVLRHGESQWNKENRFTGWYDVDLSEKGVSEAKAAGKLLKEEGYSF<br>DFAYTSVLKRAIHTLWNVLDELDQAWLPVEKSWKLNERNHYGALQGLNKAETA<br>EKYGDEQVKQWRRGFAVTPPELTKDDERYPGHDPRIYAKLSEKELPLTESLALT<br>IDRVIPYWNETILPRMKSGERVIIAAHGNSLRALVKYLDNMSEEEILELNIPTGVP<br>LVYEFDENFKPLKRYYLGNADIEIAAKAAAVANQGKAK                                                                                                                                 |
| Application Notes | 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. |