



# Recombinant Danio rerio Mannose-1-phosphate guanyltransferase alpha-B (gmppab)

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| <b>Product Code</b>      | CSB-EP763058DIL-B  |
| <b>Abbreviation</b>      | gmppab   |
| <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>       | Q7SXP8   |
| <b>Product Type</b>      | Recombinant Protein  |
| <b>Immunogen Species</b> | Danio rerio (Zebrafish) (Brachydanio rerio)  |
| <b>Purity</b>            | ≥85% (SDS-PAGE)  |
| <b>Sequence</b>          | MLKAILIGG PQKGTRFRPL SFEVPKPLFP VAGVPMLQHH IEACAQVPDM<br>KEIMLIGFYQ PNDELNRFIY SAQQEFKIPI RYLQEFAALG TGGGIYHFRD<br>QILSGGPAAF FLMNADVCE FPLLEMLQFH RQHGENHCGV LLGTTANRTQ<br>SLNYGCIVEN HETNEVLHFV EKPSTFVSDI INCGIYLFTP DIFAHIGKVF<br>QRNQQEKIQE ELTHGRQMPE VVRLEQDIFT ALAGQKKLFV YKTQHFWSQI<br>KSAGSAIYAS RLYLKQYHQT HPERLATNQG GTPKITGDVY IHPTANIDPS<br>AVLGPNVSIG KGVTIGGGVR VRESIILHGA VLQDHCCVLN SIVGWDSTVG<br>KWARVEGTPS DPNPNDPYAK IDSETLFRDG GLTPSITILG CNVNIPSEVI<br>IRNSIVLPHK DLNRSFKNQI IL |
| <b>Source</b>            | E.coli   |
| <b>Target Names</b>      | gmppab   |
| <b>Protein Names</b>     | Recommended name: Mannose-1-phosphate guanyltransferase alpha-B EC= 2.7.7.13 Alternative name(s): GDP-mannose pyrophosphorylase A-B GTP-mannose-1-phosphate guanylyltransferase apha-B   |
| <b>Expression Region</b> | 1-422  |
| <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.