# Recombinant GMP reductase (guaC)

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| **Product Code** | CSB-YP724084YAH |
| **Abbreviation** | guaC |
| **Storage** | 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. |
| **Uniprot No.** | Q66EJ0 |
| **Product Type** | Recombinant Protein |
| **Immunogen Species** | Yersinia pseudotuberculosis serotype I (strain IP32953) |
| **Purity** | ≥85% (SDS-PAGE) |
| **Sequence** | MRIEEGLKLG FKDVLIRPKR STLKSRSEVA LERQFTFKHS GWNWSGVPII AANMDTVGTF RMAEVLASFD ILTAVHKHYT LEQWAEFVKR SPESVLRHVM VSTGTSSADF DKMKQILALS PSLKFICIDV ANGYSEHFVS FLQRAREACP DKVICAGNVV TGEMVEELIL SGADIVKVGI GPGSVCTTRV KTGVGYPQLS AVIECADAAH GLGGQIVSDG GCSVPGDVAK AFGGGADFVM LGGMLAGHDE CEGRVVEENG EKFMLFYGMS SESAMKRHVG GVAQYRAAEG KTVKLPLRGS VDNTVRDIMG GLRSACTYVG ASHLKELTKR TTFIRVAEQE NRVFGTD |
| **Source** | Yeast |
| **Target Names** | guaC |
| **Protein Names** | Recommended name: GMP reductase EC= 1.7.1.7 Alternative name(s): Guanosine 5'-monophosphate oxidoreductase Short name= Guanosine monophosphate reductase |
| **Expression Region** | 1-347 |
| **Notes** | Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week. |
| **Tag Info** | Tag type will be determined during the manufacturing process. |
| **Protein Length** | full length protein |
| **Reconstitution** | 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.<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. |