



# Recombinant Escherichia coli O7:K1 tRNA uridine 5-carboxymethylaminomethyl modification enzyme MnmG (mnmG)

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|--------------------------|---|
| <b>Product Code</b>      | CSB-MP488077EON   |
| <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>       | B7NR43  |
| <b>Product Type</b>      | Recombinant Protein   |
| <b>Immunogen Species</b> | Escherichia coli O7:K1 (strain IAI39 / ExPEC)   |
| <b>Purity</b>            | ≥85% (SDS-PAGE)   |
| <b>Sequence</b>          | MFYPDPFDVI IIGGGHAGTE AAMAAARMGQ QTLLLTHNID TLGQMSCNPA IGGIGKGHV KEVDALGGLM AKAIQAGIQ FRILNASKGP AVRATRAQAD RVLRYQAVRT ALENQPNLMI FQQAVEDLIV ENDRVVGAVT QMGLKFRAGA VVLTVGTFDLD GKIHLGLDNY SGGRAGDPPS IPLSRRLREL PLRVGRLKTG TPRRIDARTI DFSVLAQQHG DNPMPVFSFM GNASQHPQQV PCYIHTNEK THDVIRSNLD RSPMYAGVIE GVGPRYCPSI EDKVMRFADR NQHQIFLEPE GLTSNEIYPN GISTSLPFDV QMQIVRSMQG MENAKIVRPG YAIEYDFFDP RDLKPTLESK FIQGLFFAGQ INGTTGYEEA AAQGLLAGLN AARLSADKEG WAPARSQAYL GVLVDDLCTL GTKEPYRMFT SRAEYRLMLR EDNADLRLTE IGRELGLVDD ERWARFNEKL ENIERERQRL KSTWVTPSAE AAAEVNAHLT APLSREASGE DLLRRPEPTY EKLTTLTPFA PALTDEQAAE QVEIQVKYEG YIARQQDEIE KQLRNENTLL PATLDYRQVS GLSNEVIAKL NDHKPASIGQ ASRISGVTPA AISILLVWLK KQGMLRRSA |
| <b>Source</b>            | Mammalian cell  |
| <b>Target Names</b>      | mnmG  |
| <b>Protein Names</b>     | Recommended name: tRNA uridine 5-carboxymethylaminomethyl modification enzyme MnmG Alternative name(s): Glucose-inhibited division protein A  |
| <b>Expression Region</b> | 1-629   |
| <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.

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