



Recombinant Escherichia coli O45:K1 tRNA uridine 5-carboxymethylaminomethyl modification enzyme MnmG (mnmG)

Product Code	CSB-BP487780EOK
Storage	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.
Uniprot No.	B7MGG1
Product Type	Recombinant Protein
Immunogen Species	Escherichia coli O45:K1 (strain S88 / ExPEC)
Purity	>85% (SDS-PAGE)
Sequence	MFYPDPFDVI IIGGGHAGTE AAMAAARMGQ QTLLLTHNID TLGQMSCNPA IGGIGKGHVLV KEVDALGGLM AKAIQAGIQ FRILNASKGP AVRATRAQAD RVLYRQAVRT ALENQPNLMI FQQAVEDLIV ENDRVVGAVT QMGLKFRAGA VVLTVGTFLD GKIHLGLDNY SGGRAGDPPS IPLSRRLREL PLRVGRLKTG TPPRIDARTI DFSVLAQQHG DNPMPVFSFM GNASQHPQQV PCYITHTNEK THDVIRSNLD RSPMYAGVIE GVGPRYCPSI EDKVMRFAER NQHQIFLEPE GLTSNEIYPN GISTSLPFDV QMQIVRSMQG MENAKIVRPG YAIEYDFFDP RDLKPTLESK FIQGLFFAGQ INGTTGYEEA AAQGLLAGLN AARLSADKEG WAPARSQAYL GVLVDDLCTL GTKEPYRMFT SRAEYRLMLR EDNADLRLTE IGRELGLVDD ERWARFNEKL ENIERERQRL KSTWVTPSAE AAAEVNAHLT APLSREASGE DLLRRPEMTY EKLTTLTPFA PALTDEQAAE QVEIQVKYEG YIARQQDEIE KQLRNENTLL PATLDYRQVS GLSNEVIAKL NDHKPASIGQ ASRISGVTPA AISILLVWLK KQGMLRRA
Source	Baculovirus
Target Names	mnmG
Protein Names	Recommended name: tRNA uridine 5-carboxymethylaminomethyl modification enzyme MnmG Alternative name(s): Glucose-inhibited division protein A
Expression Region	1-629
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

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