



Recombinant Escherichia coli tRNA 5-methylaminomethyl-2-thiouridine biosynthesis bifunctional protein MnmC (mnmC)

Product Code	CSB-EP304368ENV
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	P77182
Product Type	Recombinant Protein
Immunogen Species	Escherichia coli (strain K12)
Purity	≥85% (SDS-PAGE)
Sequence	MKHYSIQPAN LEFNAEGTPV SRDFDDVYFS NDNGLEETRY VFLGGNQLEV RFPEHPHPLF VVAESGFGTG LNFLTLLWQAF DQFREAHPQA QLQRLHFISF EKFPLTRADL ALAHQHWPEL APWAEQLQAQ WPMPLPGCHR LLLDEGRVTL DLWFGDINEL TSQLDDSLNQ KVDWFLDGF APAKNPDMWT QNLFNAMARL ARPGGTLATF TSAGFVRRGL QDAGFTMQKR KGFGKRREML CGVMEQTLPL PCSAPWFNRT GSSKREAAII GGGIASALLS LALLRRGWQV TLYCADEAPA LGASGNRQGA LYPLLSKHDE ALNRFFSNAF TFARRFYDQL PVKFDHWDWCG VTQLGWDEKS QHKIAQMLSM DLPAELAVAV EANAVEQITG VATNCSGITY PQGGWLCPAE LTRNVLELAQ QQGLQIYYQY QLQNLRSRKDD CWLLNFAGDQ QATHSVVLA NGHQISRFSQ TSTLPVYSVA GQVSHIPTTP ELAELKQVLC YDGYLTPQNP ANQHHICIGAS YHRGSEDYAY SEDDQQQNRQ RLIDCFPQAQ WAKEVDVSDK EARGGVRCAT RDHLPVGVNV PDYEATLVEY ASLAEQKDEA VSAPVFDDL F MFAALGSRGL CSAPLCAEIL AAQMSDEPIP MDASTLAALN PNRLWVRKLL KGKAVKAG
Source	E.coli
Target Names	mnmC
Protein Names	Recommended name: tRNA 5-methylaminomethyl-2-thiouridine biosynthesis bifunctional protein MnmC Short name= tRNA mnm(5)s(2)U biosynthesis bifunctional protein Including the following 2 domains: tRNA (mnm(5)s(2)U34)-methyltransferase
Expression Region	1-668
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.

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.