



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

<b>Product Code</b>	CSB-EP540360ENT-B
<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>	B1X935
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Escherichia coli (strain K12 / DH10B)
<b>Purity</b>	>85% (SDS-PAGE)
<b>Sequence</b>	MKHYSIQPAN LEFNAEGTPV SRDFDDVYFS NDNGLEETRY VFLGGNQLEV RFPEHPHPLF VVAESGFGTG LNFLTLLWQAF DQFREAHPQA QLQRLHFISF EKFPPLTRADL ALAHQHWPEL APWAEQLQAQ WPMPLPGCHR LLLDEGRVTL DLWFGDINEL TSQLDDSLNQ KVDAWFLDGF APAKNPDMWT QNLFNAMARL ARPGGTLATF TSAGFVRRGL QDAGFTMQKR KGFGKRKREML CGVMEQTLPL PCSAPWFNRT GSSKREAAII GGGIASALLS LALLRRGWQV TLYCADEAPA LGASGNRQGA LYPLLSKHDE ALNRFFSNAF TFARRFYDQL PVKFDHDWCG VTQLGWDEKS QHKIAQMLSM DLPALAVAV EANAVEQITG VATNCSGITY PQGGWLCPAE LTRNVLELAQ QQGLQIYYQY QLQNLSRKDD CWLLNFAGDQ QATHSVVLA NGHQISRFSQ TSTLPVYSVA GQVSHIPTTP ELAELKQVLC YDGYLTPQNP ANQHHICIGAS YHRGSEDY SEDDQQQNRQ RLIDCFPQAQ WAKEVDVSDK EARCGVRCAT RDHLPVGNV PDYEATLVEY ASLAEQKDEA VSAPVFDDL F MFAALGSRGL CSAPLCAEIL AAQMSDEPIP MDASTLAALN PNRLWVRKLL KGKAVKAG
<b>Source</b>	E.coli
<b>Target Names</b>	mnmC
<b>Protein Names</b>	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
<b>Expression Region</b>	1-668
<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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