



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

<b>Product Code</b>	CSB-MP815220EGX
<b>Abbreviation</b>	mnmC
<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>	Q8FFH0
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Escherichia coli O6:H1 (strain CFT073 / ATCC 700928 / UPEC)
<b>Purity</b>	>85% (SDS-PAGE)
<b>Sequence</b>	MKHYSIQPAN LEFNAEGTPV SRDFDDVYFS NDNGLEETRY VFLGGNHLEA RFPEHPHPLF VVAESGFGTG LNFLT LWQAF DQFREAHPQA QLQRLHFISF EKFPLTRADL ALAHQHWPEL APWAEQLQAQ WPLPLPGCHR LLLDEGHVTL DLWFGDINEL TSQLDDSLNQ KVDAWFLDGF APAKNPDMWT QNLFNAMARL ARPGSTLATF TSAGFVRRGL QEAGFTMQKR KGFGKRKREML CGVMEQTLFP PCSTPWFNRM GSNKQEAII GGGIASALLS LALLRRGWQV TLYCADEAPA LGASGNRQGA LYPLLSKHDE ALNRFFSNAF TFARRFYDLL PVKFDHDWCG VTQLGWDEKS QHKIAQMLSM DPAELAVAV EANAVEQITG VATNCSGITY PQGGWLCPAE LTRNVLELAQ QQGLQIHYQH QLQDLSRKDD GWLLNFAGDQ HATHSVVLA NGHQISGFSQ TSSLPVYSVA GQVSHIPTTP ELAKLKQVLC YDGYLTPQNP ANQHHCIGAS YHRGSEETAY SDEDQQQNRQ RLIDCFPQVQ WAKEVDVSGK EARCGVRCAT RDHLPVMGVN PDYDATLVEY ASLAEKKDEA VSAPVYDDL F MFAALGSRGL CSAPLCAEIL AAQMSEEP MDASTLAALN PNRLWVRKLL KGKAVKAG
<b>Source</b>	Mammalian cell
<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



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**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.

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**Shelf Life**

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