



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

Product Code	CSB-YP544042ENX
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.	B1LLT0
Product Type	Recombinant Protein
Immunogen Species	Escherichia coli (strain SMS-3-5 / SECEC)
Purity	>85% (SDS-PAGE)
Sequence	MKHYAIQPAN LEFNAEGTPV SRDFDDVYFS NDNGLEETRY VFLGGNQLEA RFPEHPHPLF VVAESGFGTG LNFLTLLWQAF DQFREAHPQA QLQRLHFISF EKFPALARADL ALAHHHWPEL APWAEQLQAQ WPMPLPGCHR LLFDEGHVTL DLWFGDINEL TSQLDDSLNQ KVDWFLDGF APAKNPDMWT QNLFKAMARL ARPGGTLATF TSAGFVRRGL QEAGFSMQKR KGFGKRKREML CGVMEQTLPL PCSTPWFNRT GSNKQEAII GGGIASALLS LALLRRGWQV TLYCADEAPA LGASGNRQGA LYPLLSKHDE ALNRFFSNAF TFARRFYDQL PVKFDHDWCG VTQLGWDEKS QHKIAQMLSM DLPALAVAV EANAVEQITG VATNCSGITY PEGGWLCPAE LTRNVLELAQ QQGLQIRYQH QLQDLSRKDD GWLLNFAGDQ QATHSVVLA NGHQISRFSQ TSSLPVYSVA GQVSHIPTTP ELAKLKQVLC YDGYLTPQNP ANQHHCIGAS YHRGSEDYAY SEDDQQQNRQ RLIDCFPQAQ WAKAVDVSDK EARCGVRCAT RDHLPVGNV PDYDATLVEY ASLAEKKDEA VSAPVYDDL F MFAALGSRGL CSAPLCAEIL AAQMSEPIP MDASTLAALN PNRLWVRKLL KGKAVKAG
Source	Yeast
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

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