



# Recombinant *Synechococcus elongatus* Methylenetetrahydrofolate--tRNA- (uracil-5)- methyltransferase TrmFO (trmFO)

<b>Product Code</b>	CSB-BP655337FPY
<b>Abbreviation</b>	trmFO
<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>	Q31NM4
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	<i>Synechococcus elongatus</i> (strain PCC 7942) ( <i>Anacystis nidulans</i> R2)
<b>Purity</b>	>85% (SDS-PAGE)
<b>Sequence</b>	MAAISQPVIV IGAGLAGTEA AWQIAEAGVP VILYEMRPQR QSPAHHSESF AELVCSNSFG AMASDRAAGL LHEELRRLGS LVFSKASEHQ VPAGGALAVD RALFSEDLTR TVADHPLVEI RREELRSLPT EGIVVLCTGP LTSPDLAEDL QRFTGQDYCS FFDAASPIVT GESIDQAI AF RASRYDKGEA AYLNCP LN RD QYLAFREALV TAEQAELKDF EQESAKFFEG CLPIEELARR GEDTMRYGPL KPVGLFDARL GDWRDPENRS RRPYAI VQLR QEDRAGNLWN LVGFQTNLRW GEQKRIFQMI PGLSQAEFVR FGVMHRNTFV NAPQLLDASL QFRQRPTLLA AGQLIGTEGY SAAVAGGWLA GTNAARLALG RSPLVLPDTL VSGSLFRFIS SAEPKYFQPM PPNFGILPNL EQPPRNKKDR YAAYRDRALQ DLRDWQQQTHA IGNLSPSTGL ATTAIA
<b>Source</b>	Baculovirus
<b>Target Names</b>	trmFO
<b>Protein Names</b>	Recommended name: Methylenetetrahydrofolate--tRNA-(uracil-5)-methyltransferase TrmFO EC= 2.1.1.74 Alternative name(s): Folate-dependent tRNA (uracil-5)-methyltransferase Folate-dependent tRNA(M-5-U54)-methyltransferase
<b>Expression Region</b>	1-466
<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.

### Shelf Life

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