



Recombinant *Synechococcus elongatus* (Dimethylallyl)adenosine tRNA methylthiotransferase MiaB (miaB)

Product Code	CSB-MP655321FPY
Abbreviation	miaB
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.	Q31KL5
Product Type	Recombinant Protein
Immunogen Species	<i>Synechococcus elongatus</i> (strain PCC 7942) (<i>Anacystis nidulans</i> R2)
Purity	>85% (SDS-PAGE)
Sequence	MSTPRRYHIT TFGCQMKNKAD SERMAGILED LGYIWSEEAN DADLVLYNTC TIRDNAEQKV YSYLGRQAER KRQQPDLTI VAGCVAQQEG ESLLRRVPEL DLVMGPQHAN RLADLLAQVE AGSQVVATEE VEIAEDITQP RRDSTITAWV NVIYGCNERC TYCVVPNVRG REQSREPAAI RAEIEQLAAQ GYREITLLGQ NIDAYGRDLP GSTPEGRHLH TLDLLYTIH DVPGIERIRF ATSHPRYFTE RLIRACAELP KVCEYFHIPF QSGDNDVLKA MARGYTVERY LRIVEQIRDI IPDAAISADA IVAFPGETEE QFENTLKLVE QVGFDLVNTA AYSPRPGTPA ANAPNQLSEE VKQDRLQRLN HLVAQMAADR SQRYLGRTEE VLIATNPRN PQQVMGRTRT NRLVFCDGTI AQLEGQLVPV RITETRAFSL TGQILSPVAA GC
Source	Mammalian cell
Target Names	miaB
Protein Names	Recommended name: (Dimethylallyl)adenosine tRNA methylthiotransferase MiaB EC= 2.-.-.- Alternative name(s): tRNA-i(6)A37 methylthiotransferase
Expression Region	1-452
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.