



Recombinant (Dimethylallyl)adenosine tRNA methylthiotransferase MiaB (miaB)

Product Code	CSB-EP802824SZB-B
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.	Q83LY3
Product Type	Recombinant Protein
Immunogen Species	Shigella flexneri
Purity	>85% (SDS-PAGE)
Sequence	MTKKLHIKTW GCQMNEYDSS KMADLLDATH GYQLTDVAEE ADVLLLNTCS IREKAQEKVF HQLGRWKLLK EKNPDLIIGV GGCVASQEGE HIRQRAHYVD IIFGPQTLHR LPEMINSVRG DRSPVVDISF PEIEKFDRLP EPRAEGPTAF VSIMEGCNKY CTYCVVPYTR GEEVSRPSDD ILFEIAQLAA QGVREVNLLG QNVNAWRGEN YDGTGTSFAD LLRLVAAIDG IDRIRFTTSH PIEFTDDIIE VYRDTPELVS FLHLPVQSGS DRILNLMGRT HTALEYKAI RKLRAARPDI QISSDFIVGF PGETTEDFEK TMKLIADVNF DMSYSFIFSA RPGTPAADMV DDVPEEEKKQ RLYILQERIN QQAMAWSRRM LGTTQRILVE GTSRKSIMEL SGRTENNRVV NFEGTPDMIG KFVDVEITDV YPNSLRGKVV RTEDEMGLRM AETPESVIAR TRKENDLGVG YYQP
Source	E.coli
Target Names	miaB
Protein Names	Recommended name: (Dimethylallyl)adenosine tRNA methylthiotransferase MiaB EC= 2.-.-.- Alternative name(s): tRNA-i(6)A37 methylthiotransferase
Expression Region	1-474
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.