



Recombinant (Dimethylallyl)adenosine tRNA methylthiotransferase MiaB (miaB)

Product Code	CSB-EP721165SRW-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.	Q67NJ9
Product Type	Recombinant Protein
Immunogen Species	Symbiobacterium thermophilum (strain T / IAM 14863)
Purity	≥85% (SDS-PAGE)
Sequence	MAQMQIDPEA GRRIHGKPEP RVHIETFGCQ MNEHDSEIMY GILAQMGYVK AQGPDDADLL LFNTCAVRES AVEHAFGRIG QLKPLKYTNP DLIIGVCGCV PQVEGQVERI KRMFPYLDLI FGTHNIHRLP ELVERARSER ETVVDVWESM GDDFPDILPA AREGDLKAWV TIMYGCDKHC TYCIVPTTRG KERSRPYEVI LAEVQELARQ GFKEITLLGQ NVNAYGKDLY GRHGEGAFDF GDLIELIDRN SPGIERIRFT TNHPKDFTRK MVEQIARA EK VCEWFHLPVQ SGSDSVLRRM KRSYNRKQYL RLVGWIRELI PDAVITTDII VGFPGETEEE FQETLSLVEE VQYDAAFMFM YSERAGTPAA QMEDRLSVPE KKERLQRLME VQNRIARAKN EARVGKVYDI LVEGLDKGKP DVVFGWTRGN ILVTFPGDES LRGRIVPVRI TRAGTWTLEG ELVESPTLA
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	1-470
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.