



Recombinant Anaplasma marginale (Dimethylallyl)adenosine tRNA methylthiotransferase MiaB (miaB)

Product Code	CSB-EP735429AAAC
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.	Q5PB69
Product Type	Recombinant Protein
Immunogen Species	Anaplasma marginale (strain St. Maries)
Purity	≥85% (SDS-PAGE)
Sequence	MTKGLYIESY GCQMNVDYDSL MVEDILRPLG FAAVQRPEDA DIIMVNTCHV REKAAEKLYS ALGRMRMLRK EGALIVVAGC VAQAEGEAVF ERAPFVDVVV GPQSIHTLPE LIMKATRDAK QMNVEFPAIS KFDVISTDLL VSRGVSAFVS VQEGCDKFCT FCVVPYTRGP EYSRSVEDVL AEVRKLADGG TKEVVLLGQN VNAYHGTYKG NEWDLGRLIR KVAEVEGIER IRYTTSHPRD MHSSLYDAHK HEPKLLPCVH LPVQSGSDSV LRKMNRKHSV QEYMDIIDTL KEARSDIALS SDFIVGFPGE TEEDFEATMD LVRHVGAFATS YSFKYSPRPG TPGA EYTNQV PEEEKSSRLH RLQHLLLTQQ RLFTKSMIGK TVSVLVCGTE GSRSCSNEVF GKSEHMQPVY ISVDGDPAGY RNKIFSVKVL EEGARSSLKG ICTDTISLP PPHSM
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	1-455
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.