



Recombinant Methylococcus capsulatus tRNA dimethylallyltransferase (miaA)

Product Code	CSB-YP720177MFM
Abbreviation	miaA
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.	Q607R4
Product Type	Recombinant Protein
Immunogen Species	Methylococcus capsulatus (strain ATCC 33009 / NCIMB 11132 / Bath)
Purity	≥85% (SDS-PAGE)
Sequence	MSAAELPPVV VLMGPTASGK SQLAIELANA LDGEIVSVDS SLVYRGMDIG TAKPTPTERA AVPHHLIDVL DPSEVFSTGR FRDEALALIA DITARGRLPV LAGGTMLYFN ALLRGLAELP SADPDLRREI ETRAARDGWH ALHAELARID PPAAARIHPN DPQRLQRALE VFYLTGRTLS DLCEGSR SPE LPFRPLRIVL APSSRAVLAE RIAERFRML EEGFLEEVEA LYRRGDLNET LPSIRAVGYR QAWGYLQGDY GFDTFVERAI IATRQFAKRQ CTWLRKETEA TWLETGTPGL SDRAAKEVRA RL
Source	Yeast
Target Names	miaA
Protein Names	Recommended name: tRNA dimethylallyltransferase EC= 2.5.1.75 Alternative name(s): Dimethylallyl diphosphate:tRNA dimethylallyltransferase Short name= DMAPP:tRNA dimethylallyltransferase Short name= DMATase Isopentenyl-diph
Expression Region	1-312
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.