



Recombinant Prochlorococcus marinus tRNA dimethylallyltransferase (miaA)

Product Code	CSB-MP024529PZD
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	A8G7E1
Product Type	Recombinant Protein
Immunogen Species	Prochlorococcus marinus (strain MIT 9215)
Purity	>85% (SDS-PAGE)
Sequence	MSSYPTPVII LIGPTASGKT ELAIKIAEYF KTSIHNIDSR QIYKFMDIGT AKPSKDQQKK IKHFLIDIEE PINQINVQQF QKIAQKSIKR EINQDNLPLFL VGGSGLYMNS ITKGFFIPDI PPQNNLRIQL EELGQKKCWE LLNCDPLST KNISFADRIR TIRALEVFYV TGKPLSTLKV QNPPNWKVLE LGLDRDNLKE RILQRTKNIF LSGIIEETNH LISKYGFDP ILETIGYREA KDVLKNHSTI DKAIELTTTK TIQFAKRQKT WFRNKNNPIW LNNKNLLKDA IIKIESFLS
Source	Mammalian cell
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	1-299
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.