# Recombinant tRNA dimethylallyltransferase (miaA)

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| **Product Code** | CSB-YP733367SMZ |
| **Abbreviation** | miaA |
| **Storage** | The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself.<br>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.** | Q5XCI0 |
| **Product Type** | Recombinant Protein |
| **Immunogen Species** | Streptococcus pyogenes serotype M6 (strain ATCC BAA-946 / MGAS10394) |
| **Purity** | ≥85% (SDS-PAGE) |
| **Sequence** | MTKIKIVVIV GPTAVGKTAL GISLAKALNG EIISGDSQQV YRQLDVGTAK ATQEEQEAAV HHLIDIREVT ESYSAYEFVQ DAQKAISDIV SRGKLPIIVG GTGLYLQSLL EGYHLGGQVD QEAVKAYRQE LDQLSDQEVY ELLQVKSITI KQLNRRRAIR ALELSQFADD LENAETAYEP LIIGLNDDRQ VIYDRINQRV DRMLENGLLE EAKWLYEHYP TVQASRGIGY KELFPYFVGE MTLAEASDQL KQNTRRFAKR QLTWFRNRMA VNFTAITAPD YPQVVHDRVR DFLGQKEKS |
| **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** | 1-299 |
| **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.<br>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. |