



Recombinant tRNA dimethylallyltransferase (miaA)

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|--------------------------|---|
| Product Code | CSB-BP733367SMZ |
| 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. | Q5XC10 |
| Product Type | Recombinant Protein |
| Immunogen Species | Streptococcus pyogenes serotype M6 (strain ATCC BAA-946 / MGAS10394) |
| Purity | ≥85% (SDS-PAGE) |
| Sequence | MTKIKIVVIV GPTAVGKTAL GISLAKALNG EIISGDSQQV YRQLDVGTA ATQEEQEAAV HHLIDIREVT ESYSAYEFVQ DAQKAISDIV SRGKLPPIVG GTGLYLQSLLE EGYHLGGQVD QEAVKAYRQE LDQLSDQEVY ELLQVKSITI KQLNRRRAIR ALELSQFADD LENAETAYEP LIIGLNDDRQ VIYDRINQRV DRMLENGLLE EAKWLYEHYP TVQASRGIGY KELFPYFVGE MTLAEASDQL KQNTRRFAKR QLTWFRNRMA VNFTAITAPD YPQVVHDRV R DFLGQKEKS |
| Source | Baculovirus |
| 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. |
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