



Recombinant *Saccharomyces cerevisiae* tRNA dimethylallyltransferase, mitochondrial (MOD5)

Product Code	CSB-EP357241SVG-B
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.	P07884
Product Type	Recombinant Protein
Immunogen Species	<i>Saccharomyces cerevisiae</i> (strain ATCC 204508 / S288c) (Baker's yeast)
Purity	>85% (SDS-PAGE)
Sequence	MLKGPLKGCL NMSKKVIVIA GTTGVGKSQL SIQLAQKFNG EVINSDSMQV YKDIPIITNK HPLQEREGIP HHVMNHVDWS EYYSHRFET ECMNAIEDIH RRGKIPIVVG GTHYYLQTLF NKRVDTKSSE RKLTRKQLDI LESTDPDVIY NTLVKCDPDI ATKYHPNDYR RVQRMLEIYY KTGKKPSETF NEQKITLKFD TLFLWLYSKP EPLFQRLDDR VDDMLERGAL QEIKQLYEYY SQNKFTPEQC ENGVWQVIGF KEFLPWLTGK TDDNTVKLED CIERMKTRTR QYAKRQVKWI KKMLIPDIKG DIYLLDATDL SQWDTNASQR AIAISNDFIS NRPIKQERAP KALEELLSKG ETTMKKLDDW THYTCNVCRN ADGKNVVAIG EKYWKIHLGS RRHKS NLKRN TRQADFEKWK INKKETVE
Source	E.coli
Target Names	MOD5
Protein Names	Recommended name: tRNA dimethylallyltransferase, mitochondrial EC=2.5.1.75 Alternative name(s): Isopentenyl-diphosphate: tRNA isopentenyltransferase Short name= IPP transferase Short name= IPPT tRNA isopentenyltransferase
Expression Region	1-428
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.