



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

<b>Product Code</b>	CSB-YP357241SVG
<b>Storage</b>	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.
<b>Uniprot No.</b>	P07884
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	<i>Saccharomyces cerevisiae</i> (strain ATCC 204508 / S288c) (Baker's yeast)
<b>Purity</b>	>85% (SDS-PAGE)
<b>Sequence</b>	MLKGPLKGCL NMSKKVIVIA GTTGVGKSQL SIQLAQKFNG EVINSDSMQV YKDIPIITNK HPLQEREGIP HHVMNHVDWS EEYYSHRFET 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
<b>Source</b>	Yeast
<b>Target Names</b>	MOD5
<b>Protein Names</b>	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
<b>Expression Region</b>	1-428
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
<b>Tag Info</b>	Tag type will be determined during the manufacturing process.
<b>Protein Length</b>	full length protein
<b>Reconstitution</b>	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.
<b>Shelf Life</b>	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.