



Recombinant *Saccharomyces cerevisiae* tRNA (guanine (37)-N1)-methyltransferase

Product Code	CSB-EP330932SVG-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.	P38793
Product Type	Recombinant Protein
Immunogen Species	<i>Saccharomyces cerevisiae</i> (strain ATCC 204508 / S288c) (Baker's yeast)
Purity	>85% (SDS-PAGE)
Sequence	KIPMCA VKFPEPKNIS VFSKNFKNCI LRVPRIPHVV KLNSSKPKDE LTSVQNKKLK TADGNNTPTV KGVLLHESIH SVEDAYGKLP EDALAFLKEN SAEIVPHEYV LDYDFWKAEE ILRAVLPEQF LEEVPTGFTI TGHIAHLNLR TEFKPFDSL I GQVILDKNNK IECVVDKVSS IATQFRTFPM KVIAGKSDSL VVEQKESNCT FKDFDSKVYV NSRLHTEHER LVKQYFQPGQ VVCDVFAGVG PFAVPAGKKD VIVLANDLNP ESYKYLKENI ALNKVAKTVK SFNMDGADFI RQSPQLLQQW IQDEEGGKIT IPLPLKKRHR SQQHNDQQPP QPRTKELIIP SHISHYVMNL PDSAISFLGN FRGIFAAHTK GATDTIQMPW VHVHCFEKYP PGDQVTEDEL HARVHARIA ALKVTADDLP LNAVSLHLVR KVAPTKPMYC ASFQLPANV
Source	E.coli
Target Names	TRM5
Protein Names	Recommended name: tRNA (guanine(37)-N1)-methyltransferase EC= 2.1.1.228 Alternative name(s): M1G-methyltransferase tRNA [GM37] methyltransferase tRNA methyltransferase 5
Expression Region	45-499
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 of Mature 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.