



# Recombinant tRNA (guanine (37)-N1)-methyltransferase

<b>Product Code</b>	CSB-EP427456CXY
<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>	A8WHT1
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Caenorhabditis elegans
<b>Purity</b>	>85% (SDS-PAGE)
<b>Sequence</b>	MIILKRLFSN MSILQPPEVV RGMTKLEKEA FRMPVDFPVI EIEARDAGIV GRRVRLEPYL IGHKLKPLKN LVDSEKDGKK YLVFHPDKVQ EDETRFKILE LLKRELGNEK LLDWTTLSKD LTFENWDAKS IFKAVLPVGI DYSSYTQTGH IHCNFADEI LPFRFIIAEV LLDKVNCKT VVQKGNITN VYRNLDLELL AGEDNYVTEV KETGLRFKMD FSKVYWNSRL SHEHERVSGM FNTQSLVYDA CCGIGPFVLP ATLRKPKRV VANDLNPEVSV KWLKVNVLN KIKEERIEIH NMDAKMFIKE NVADDVRLM LEESTAGEFE NEVPKPMSEV HVVMNLPAYA VNFLPAFRGA LSRFKDEIEK VPLDKRYKWN VYCYLFAKSH VDVPSWYED EARRMCDEKT KWERSLVVKC HNVRTVSSRK EMFCAQLELP YEFLLAEPFP DEPEAQCESE EAEEPSSKRI KVDT
<b>Source</b>	E.coli
<b>Target Names</b>	C53A5.17
<b>Protein Names</b>	Recommended name: tRNA (guanine(37)-N1)-methyltransferase EC= 2.1.1.228 Alternative name(s): M1G-methyltransferase tRNA [GM37] methyltransferase tRNA methyltransferase 5 homolog
<b>Expression Region</b>	1-474
<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.