



# Recombinant Human tRNA (uracil (54)-C (5))-methyltransferase homolog (TRMT2B)

<b>Product Code</b>	CSB-EP842677HU-B
<b>Abbreviation</b>	TRMT2B
<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>	Q96GJ1
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Homo sapiens (Human)
<b>Purity</b>	>85% (SDS-PAGE)
<b>Sequence</b>	MAGLKRRVPL HSLRYFISMV GLFSKPGLLP WYARNPPGWS QLFLGTVCKG DFTRVIATKC QKGQKSQKKP SHLGPLDGSW QERLADVTP LWRLSYEEQL KVKFAAQKKI LQRLESYIQM LNGVSVTTAV PKSERLSCLL HPIIPSPVIN GYRNKSTFSV NRGPDGNPKT VGFYLGTVWRD GNVVCVQSNH LKNIPEKHSQ VAQYYEVFLR QSPLEPCLVF HEGGYWRELT VRTNSQGHTM AIITFHPQKL SQEELHVQKE IVKEFFIRGP GAACGLTSLY FQESTMTRCS HQQSPYQLLF GEPYIFEELL SLKIRISPDA FFQINTAGAE MLYRTVGELT GVNSDTILLD ICCGTGVIGL SLAQHTSRVL GIELLEQAVE DARWTAAFNG ITNSEFHTGQ AEKILPGLLK SKEDGQSIVA VVNPARAGLH YKVIQAIRNF RAIHTLVFVS CKLHGESTRN VIELCCPPDP AKKLLGEPFV LQQAVPVDLF PHTPHCELVL LFTR
<b>Source</b>	E.coli
<b>Target Names</b>	TRMT2B
<b>Protein Names</b>	Recommended name: tRNA (uracil(54)-C(5))-methyltransferase homolog EC=2.1.1.35 Alternative name(s): TRM2 homolog
<b>Expression Region</b>	1-504
<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>Target Details</b>	This gene encodes a homolog of the TRM2 gene in <i>S. cerevisiae</i> . The yeast gene encodes a tRNA methyltransferase that plays a role in tRNA maturation. The yeast protein also has endo-exonuclease activity and may be involved in DNA double strand break repair. Alternative splicing results in multiple transcripts encoding different isoforms.
<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.

### 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.