



Recombinant Human tRNA (cytosine (38)-C (5))-methyltransferase

Product Code	CSB-BP517673HU
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.	O14717
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	>85% (SDS-PAGE)
Sequence	MEPLRVLELY SGVGGMHHAL RESCIPAQVV AAIDVNTVAN EVYKYNFPHT QLLAKTIEGI TLEEFDRLSF DMILMSPPCQ PFTRIGRQGD MTDSRTNSFL HILDILPRLQ KLPKYILLEN VKGFEVSSTR DILLIQTIE NC GFQYQEFLLS PTSLGIPNSR LRYFLIAKLQ SEPLPFQAPG QVLMEFPKIE SVHPQKYAMD VENKIQEKNV EPNISFDGSI QCSGKDAILF KLETAEEIHR KNQQDSDLSV KMLKDFLEDD TDVNQYLLPP KSLRLYALLL DIVQPTCRRS VCFTKGYGSY IEGTGSVLQT AEDVQVENIY KSLTNLSQEE QITKLLILKL RYFTPKEIAN LLGFPPEFGF PEKITVKQRY RLLGNLSLVH VVAKLIKILY E
Source	Baculovirus
Target Names	TRDMT1
Protein Names	Recommended name: tRNA (cytosine(38)-C(5))-methyltransferase EC= 2.1.1.204 Alternative name(s): DNA (cytosine-5)-methyltransferase-like protein 2 Short name= Dnmt2 DNA methyltransferase homolog HsaIIP Short name= DNA MTase
Expression Region	1-391
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
Target Details	This gene encodes a protein responsible for the methylation of aspartic acid transfer RNA. While similar in sequence and structure to DNA cytosine methyltransferases, this gene is distinct and highly conserved in its function among taxa. Alternative splicing results in multiple transcript variants encoding different isoforms.
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.