

Product datasheet for **MC207691**

Trmt10b (NM_027266) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Trmt10b (NM_027266) Mouse Untagged Clone
Tag: Tag Free
Symbol: Trmt10b
Synonyms: 2610042J10Rik; Rg9mtd3; Rnmtd3
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >BC019428
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGGACTGTAAGTCGGAAGAGAGCGCCAGAGAACAGACTCACAGGCCTTTCAGGAACCAGACGGACTCC
CAGAGGCCGGAGGTGAAGATGGACTCTCTGAAAGCTTCCAGCTTCTGCAGGTGGATGTGGAGTACGAGCC
CCCAGAAGAGACCAGCCCTGCAAACAGTGCCGTGTGGAGCTCGAAAACATGCAAAGAAAACAGAGACAC
TGGGAAAGGATAGTCTCCTCAAAGAAGAGCAAAAGGAAGCAGGAAAGAGAACGAAGGAAAGCCAAGCGTG
CAGAAGACCCCGGTAACGGCACCTGCCACAGCACAGCAAACGCTTTTTGAAAGCCTTAACCAAAGAGAA
ACTTTTGAAGCCAAACACTCAGGACCAAGACTATGTGTTGACTTGAGCATGACCCAGCAGCATGTCAAAG
AAGGAATTGAGTAGGTTGGCGGGACAGATTCGAAGGTTGTATGGTTCGAACAAAAAGCCAGCAGGCCCT
TTTGGATCTGCCTTACTGGATTCTCAACTGCCAGCCCCCTCTATGAGGAGTGTCTGAGGATGAACGACGG
GTTTTCTGCTTACTTGTGGATGTGACAGAAGAAGACTGCTTTAGCCTTTTTCTCTGGAACCCCTGTG
TACCTGACTCTGACTCCGAACACTCCCTTGAAGACATTGATCAGAGCACAGTTTACGTTATTGGTGGAC
TTGTAGATGAGAGCATTAGAAGAAGGTGACATTTCAAAGCCCGAGAATACTCTGTCAAGACAGCCCG
CTTGCCAATCCAGGAATACATGATCAAGCGCCAGAATGAGAAAACTACCATTGCGAAATATTGGCCATC
AACCAAGTGTTTCGATATCCTGTCTACTTACTTTGAAACTCGTAACTGGCCTGAAGCACTGAAGAAAGGAG
TTTCTCCAGGAAAAGGCTACGTTCTTCAAGATTGAGCAGAAAGGATGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCTGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_027266
Insert Size: 957 bp



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OTI Disclaimer:	Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).
Components:	The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).
Reconstitution Method:	<ol style="list-style-type: none">1. Centrifuge at 5,000xg for 5min.2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.3. Close the tube and incubate for 10 minutes at room temperature.4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.
RefSeq:	BC019428 , AAH19428
RefSeq Size:	1329 bp
RefSeq ORF:	957 bp
Locus ID:	69934
UniProt ID:	Q9D075
Cytogenetics:	4 B1
Gene Summary:	S-adenosyl-L-methionine-dependent guanine N(1)-methyltransferase that catalyzes the formation of N(1)-methylguanine at position 9 (m1G9) in tRNAs. Probably not able to catalyze formation of N(1)-methyladenine at position 9 (m1A9) in tRNAs.[UniProtKB/Swiss-Prot Function]