

Product datasheet for **MC202153**

Trmt1 (NM_198020) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Trmt1 (NM_198020) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Trmt1
Synonyms:	6720406L13Rik; 6720477L24; D8Erttd812e
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >BC027404 sequence for NM_198020
 CCGCCCTCTTTGCCAACATGGCGGCTCCCAGGCCCTAATGCGAGAAGCATGCACCGTGACTCGTTGGATC
 CTGTGAGCGGAAGGGAGACGCTTGTCCGGGCGGGTTGAGGCGCCCGGGATGTCCCTCGCGAGGACGATC
 CTGTGGCTAAGCCGTCCTCTCCGTCGGGCCACAGCCTCTGTAGAGCTCAGTTTCATGGAACGGAAGGCC
 AGAAGCCTCCCTCTCCACCAGCGATGGAGAACGGCACCCGGTTCTGCGAAGAGCGCCACCCGCGGACCC
 GGTTGCGACTGTCACTGAGGGCGCCGCAAAAATCGTCTTTCCAGTGCTAACGAGTTTTCTATAACCCG
 GTGCAGGAATCAACCGGGACCTGACGTGTGCTGTGATCACAGAGTTTGCTCGAATTCATCTTGGGGCCA
 AGGGAATCCAGATCAAGTTCCAGGAGAGAAGGAGTCAGAGAAAATAGCTGTGGACTTGTCTGATCAAGA
 AGAGAAAACAGCTGGAAGAATGAAAATCTGGCCCAAGGGACTGGCCACGGACTGCTGCAGTGGGTGAG
 ATCTGTGAGGAAGGTCTACGAGTGTGGAAGGCCTGGCAGCTTCCGGTCTGCGCTCCATCCGTTTTGCC
 TGGAGGTTCTGGCCTCCAGTCTGTGGTTGCCAATGATGCCTCTGCCGGGCTGTAGAGCTTATGCACAG
 AAATGTGGAGCTCAATGGTGTGGCACATCTTGTTCAGCCCAACCAGGCAGATGCCCGGATGCTGATGAC
 CAACACAAAAGGCACCTGAGCGATTTGATGTCATTGACCTGGACCCCTATGGCAGCCCCGCCCTTCC
 TGGATGCAGCAGTGCAGGCTGTGAGTGTGGAGGACTTCTGTGTGCACCTGCACAGACATGGCAGTCT
 GCGGGGAACAGCGGAGAGACATGCTACAGCAAGTATGGGGCCATGGCCCTCAAGAGCCGAGCCTGCCAT
 GAAATGGCCCTGCGGATTGTGCTGCACAGCCTGGACCTGCACGCAACTGCTACCAGCGCTATATCGTGC
 CGCTGCTCAGCATCAGTGTGACTTCTATATCCGGTCTTTGTACGTGTTTTACAGGCCAGGCCAAGGT
 TAAGTCTCAGCCAGCAAACAGGCCCTGGTGTCCAGTGTGTGGGTTGTGGAGCCTTCTACCTGCAACGC
 CTTGGCAAAGCATCAGGAGACCTGGTGGCAGGATCAAGTTCTCTGCAGCCTGTGGTCTCCAGTAACTC
 CCGAGTGTGAGCACTGTGGACAGAGACACCAGCTTGGGGGCCCATGTGGGCAGAGCCCATCCATGACCT
 GGACTTCGTGGGCGAGTTCTTGACGCAGTGACCACGAATCCTGGCCGCTTCCACTTCCATGAGGATC
 CAAGGCGTCTCAGTGTGTTACTGAGGAATCTCTGATGTCCCTCTCTACTACACTGGACCAACTGA
 GCAGACTATCCACTGCAACACACCCCGCTTCTGCAGCTTCGGTCAGCTCTCCTTCATGCTGGTTCCG
 AGTCTCTCTCCATGCTTGTAAAGAATGCAGTGAAGACAGATGCTCCCCCTGAGGCCCTCTGGGACATC
 ATGCGTTGCTGGGAAAAGGAATGTCCAGTGAACGGGAGCGGCTGTCTGAAAGCAGTCCAGCATTCCGAA
 TTCTTGCTGTGGAGCCCAGGCTGAAGGCCAACTTCAACATCCGGGAAGACGCCAACCCAGCTCCCGCCA
 GCGAGGACTTAAGCGCTTCCAGGCCAATCCAGAAGCCAAGTGGGGTCCCCGGCCCGTGCAGGCCAGGG
 GGCAAGGCAGCAAGTGAAGATCTAGCAGGGAGGCGGAGGCTGCTACAGAATAAGAGGAAGGAGCCAGCTG
 AGGACCCGGCCAGCGTGCAGCTCGCCTAAGACATTTCTTGCAAACGATTCAAAGAGGGTACCTGTCA
 ACTAGGGGACCAGTGTGTTATTCACACAGTCTGCAGCTCCTGTGGCCTCTGGTATATCCCATCGAA
 GAATGTCCGGAGACTACCACCAAGATCTCCCTGGACCAAGGCTGCTGTGGGGTATTCTGGGCCAG
 GTGTAGACTAAGACAATAAAGAGATGTAACCTGCAAAAAAAAAAAAAA

Restriction Sites: RsrII-NotI

ACCN: NM_198020

Insert Size: 1878 bp

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:

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: [BC027404](#), [AAH27404](#)

RefSeq Size: 2149 bp

RefSeq ORF: 1878 bp

Locus ID: 212528

UniProt ID: [Q3TX08](#)

Cytogenetics: 8 41.02 cM

Gene Summary: Dimethylates a single guanine residue at position 26 of most tRNAs using S-adenosyl-L-methionine as donor of the methyl groups.[UniProtKB/Swiss-Prot Function]
Transcript Variant: This variant (1) represents the longest transcript and it encodes the longer protein (isoform 1). Variants 1 and 2 encode the same protein. CCDS Note: The coding region has been updated to extend the N-terminus to one that is also supported by available conservation data. The use of an alternative upstream start codon would result in a protein that is 38 aa longer.