

Product datasheet for **MC216166**

Trmt11 (NM_028604) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Trmt11 (NM_028604) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Trmt11
Synonyms:	2410075D05Rik; 3110045118Rik; AW213713
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >MC216166 representing NM_028604
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGGCGCTGCCGGCTCCTTGAATCGTATCTCTTGCTCATGGCAGGAGCATCTGGAGTTCGGCTTAC
 CGGAAATAAAGTCTTACTATCGGTGTTTGGAGGGCAGTTCACTAACAGTCAGGAAACTTATGGAAAGTC
 TCCATTTTGGATTCTTAACATTCCTCTGAAGATATTGCAAGAACTTAATGAAACGGACTGTGTGTGCC
 AAGTCTATATTTGAACTATGGGGTCATGGAAAATCTCCGAGGAGCTGTATACTTCTTAAAAAGTTACC
 CCGTGGAGAAGATGGTTCCATATCTGCATTAGATTTCGACATATAAAATAAAGATTACACACATTTAATAA
 AACATTAACCAAGAAGAAAAAGTGAACGAATTGATGCACCTGAATTTCTGCCGTTTCAAGGAAAAAGTG
 AACTTAAAGAAACCACAGCATGTATTCTCCATTTGGAGGACTATGGTTTGGACCCAACTCTATCCCCA
 AGGATCCACATAATTTATTTTGGCAGATGGATTGCAGATGGACAAAGAGAGCTAATTGAGTCATACAG
 TGTCAAAAAGAGACATTTTATTGGAAATACAAGTATGGATGCTGGTTTATCATTATCATGACCAACCAT
 GCAAAAAGTGAAAGAAAATGATCTTGTCTTTGACCCCTTTGTTGGAACAGGTGGCCTCCTTATAGCATCTG
 CTCACTTTGGTGCATATGTGTGTGGGACAGACATAGACTACAATACAGTTCATGGCTTGGGAAAGGCTAG
 TAGAAAAAACAGAAATGGCGTGGACCAGATGAAAACATCAGGGCAAATCTTCGTCAGTATGGCTTAGAG
 AAGTTTTACCTTGATGTCTTGGTTTCAGATGCGTCTAAGCCTTCTGGAGGAAGGGAACATATTTTATG
 CAATCATCACAGATCCTCCATATGGTATCAGAGAATCTACAAGAAGATCAGGTTTACAGAAAGGACATACC
 AAAGGGAATAGAAAAATGCCAGAAAGCCAGTTCCTGTTTCTTGGAGTTATCACCTGAGTGACATGTTT
 TTTGACCTGTTAAATTTGCAGCTGAGACCCCTGTACTGGGTGGAAGACTAGTCTATTGGCTACCGAT
 ATACACCAGAGTACACTGAGGAGATGGTGGCCGTGGCACCCTTGCCTGAGACTCATTAGCAACTGTGAACA
 GAAGCTTTCCAGTCACACAGCAAGGCGCCTGATCACCATGGAAAAGGTGAAGGAATTTGAGAACCGGGAC
 AAGTATTCACACCTGCTGAGTGATCTTTTCTGCCGTACCAAGGACATAATCTTTCCGTGAGAAATATT
 TTAGTGTGTAAACAAAAAAGAAATTGCCAAGGAAGAAAAATGCAGCCACGAG**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_028604

Insert Size: 1383 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.

Note:	Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.
RefSeq:	<u>NM_028604.2</u> , <u>NP_082880.2</u>
RefSeq Size:	2359 bp
RefSeq ORF:	1383 bp
Locus ID:	73681
Cytogenetics:	10 A4
Gene Summary:	Catalytic subunit of an S-adenosyl-L-methionine-dependent tRNA methyltransferase complex that mediates the methylation of the guanosine nucleotide at position 10 (m2G10) in tRNAs. [UniProtKB/Swiss-Prot Function]