

Product datasheet for **MC208402**

Trdmt1 (NM_010067) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Trdmt1 (NM_010067) Mouse Untagged Clone
Tag: Tag Free
Symbol: Trdmt1
Synonyms: Dnmt2; Rnmt2
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >MC208402 representing NM_010067
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGCC**

ATGGAACCTCTGCGTGTCTGGAGCTGTACAGTGGCATTGGTGGCATGCACCACGCGCTGCGAGAAAGTC
 ATATCCCTGCACATGTGGTGGCTGCTATTGATGTGAATACTGTTGCTAATGAAGTATAACAAGCATAATTT
 TCCTCATACTCACTTACTGTCAAAGACAATTGAAGGTATTTCACTGGAAGACTTTGACAAGCTATCTTTT
 AATATGATTTTAAATGAGCCCTCCATGCCAGCCATTCACAAGAATTGGCCTACAGGGGATATGACCGATC
 CAAGGACAACCTAGCTTCTTGTATATTCTAGATATTTCTCCAAGATTACAAAAATTACCCAAGTATATTCT
 CTTAGAAAATGTCAAAGTTTTGAAGTATCTTCTACAAGAGGGCTGCTGATACAAACAATAGAAGCCTGT
 GGCTTTCAGTATCAAGAGTTTCTATTGTCTCCTTCTCTAGGCATTCCAAACCTCGAGGCTCCGATATT
 TTCTCATTGCAAAGCTTCAGTCAGAGCCTTTCCCTTCCAGGCCCTGGACAGATACTGATGGAGTTTCC
 TAAAATTGTAACCTGTTGAGCCACAAAAATGCAGTAGTTGAAGAAAGTCAGCCAAGAGTGCAGAGAAGT
 GGACCAGTATCTGTGCTGAGAGCAGCAGCACACAGAGTTCTGGAAAAGATACCATTCTCTTTAAGCTTG
 AGACTGTAGAAGAAAGGGACAGGAAACATCAACAAGACAGTGACCTCTCTGTGCGATGCTGAAAGACTT
 CCTTGAAGATGGCGACACAGATGAGTACCTTTTACCACCCAAGTTATTGCTGCGATACGCTCTCTTACTA
 GATATCGTGAAGCCACGTCCAGAAGGTCCATGTGCTTTACGAAAAGGATGGGAGTTACATAGAGGGGA
 CAGGCTCCGTGTTACAGGCTGCAGAGGATGCGCAGATTGAGAATATCTACAAATCTCTTCTGATTTGCC
 ACCAGAAGAAAAGATAGCTAAAATTGTCAATGCTTAAACTGCGATATTTACACCCGAAAGAAATGCAAAAT
 CTCCAGGGATTTCTCCAGAATTTGGGTTTCTGAGAAGACAACAGTGAACAGCGTTACCGGCTGCTTG
 GCAATAGCCTCAACGTGCATGTGGTAGCAAACTCCTCACAGTCTGTGTGAAGGATTTGGAATGCCTC
 TGAGAGCTGTACAAGATGCCGTAATTCTAGATAGTAATTCCAAGATTCTATCT**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA



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Restriction Sites:	Sgfl-Mlul
ACCN:	NM_010067
Insert Size:	1248 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:	<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:	NM_010067.4 , NP_034197.3
RefSeq Size:	2637 bp
RefSeq ORF:	1248 bp
Locus ID:	13434
UniProt ID:	O55055
Cytogenetics:	2 A1
Gene Summary:	Specifically methylates cytosine 38 in the anticodon loop of tRNA(Asp).[UniProtKB/Swiss-Prot Function]