

Product datasheet for **MC203568**

Trmt12 (NM_026642) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Trmt12 (NM_026642) Mouse Untagged Clone
Tag: Tag Free
Symbol: Trmt12
Synonyms: 4632406N01Rik; AI449275; Tyw2
Mammalian Cell Selection: Neomycin
Vector: PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection: Kanamycin (25 ug/mL)
Fully Sequenced ORF: >BC055850

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TGCAGGGAGAGAGCAGCCGGAGAATCTCGCTGATGGACGGCGACGGGGTACAAACTAGCGACATGGAG
AGAGAGTGTGAGGAGTCTGTAGTTGTGCGAGTTGTGACTGAGCCCCGGTTCACGCAGAGATACCGAGACT
ACCTGGAGGAGCAGAACTCTTGGACAGGCTGCACCGGGTGGCGAAGCTGCGGGATGGCGGGTGGCTCT
GCCGGTGTGGCGAAAGCCTTTCTGAGCAGCATCTGCAGGAGCTGAGGGATCGCGTGGCCCCAGGCAGC
ACTTGTGTGCTGACGCGGCTCCCGGATCCTTCTTCCAAAAAGGCCGGGTTTCGTTCCACTGCTCAGA
TACTGTGTCTGGAGGTGAGGCGTTGGGTGGAGGACCGCGGAGTGACGTGGTCCGCTGAGTTGGAGGCAGA
TTTGCCCCGGTCTTGGCAACGGCATGGTACCTAATGCTGCTTAGTGAAGACTGTTCCAAGCCACGCTG
TGGAAAGGTCTGGAGCCAGAATCTGGGAGACTGTTGCCTCGGCCCTGGGAGTTCAACGTTTGGCAAAAC
GAGGGCGGGTGTACCTGATGGGACTCGAACTCCGTGAGTACTGCTGCTGGGTGACCATGGCTGGGT
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AGTAATTGCCAGATGAGTGCCTCATCGAGGGCTGTGTTCTCACCTTCTGTTTTCTGGTACCTTTTAA
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ATTAAGTATCAGAGGAAAAAAAAAAAAAAAAAAAAAAAAAAAAA
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Restriction Sites: RsrII-NotI



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ACCN:	NM_026642
Insert Size:	1341 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:	BC055850 , AAH55850
RefSeq Size:	1581 bp
RefSeq ORF:	1341 bp
Locus ID:	68260
UniProt ID:	Q8BG71
Cytogenetics:	15 D1
Gene Summary:	S-adenosyl-L-methionine-dependent transferase that acts as a component of the wybutosine biosynthesis pathway. Wybutosine is a hyper modified guanosine with a tricyclic base found at the 3'-position adjacent to the anticodon of eukaryotic phenylalanine tRNA. Catalyzes the transfer of the alpha-amino-alpha-carboxypropyl (acp) group from S-adenosyl-L-methionine to the C-7 position of 4-demethylwyosine (imG-14) to produce wybutosine-86 (By similarity). [UniProtKB/Swiss-Prot Function]