

Product datasheet for **MC203899**

Dimt1 (NM_025447) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Dimt1 (NM_025447) Mouse Untagged Clone
Tag: Tag Free
Symbol: Dimt1
Synonyms: 1500031M22Rik; AV111347; Dimt1l
Mammalian Cell Selection: Neomycin
Vector: PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection: Kanamycin (25 ug/mL)

Fully Sequenced ORF: >BC019799
CACGCGTTCCCGGCTGCTTTTCGCTTGGCACAGGGACTCCTCCGAGAAGATGCCGAAGGCCAAGTCCGCA
GCGAGTAGCCCGCGGGATCGTCAGGAGCAGCGCCGGGAGCTGAAGCGAGCTGGAGGACTCATGTTCA
ACACAGGGATCGGACAACACATTTTAAAAATCCTCTAATTGTTAACAGCATCATCGATAAGGCTGCTTT
AAGACCTACCGATGTGGTGTGGAAGTTGGGCCTGGGACTGGCAATATGACTGTCAAGCTGTTAGAAAAG
GCCAAAAGGTAGTTGCCTGTGAACCTGATCCAAGGCTAGTAGCTGAACTTCAAAAAGAGTTTCAGGGCA
CGCCTCTGGCCAGCAAACCTCCAGGTCCTGGTGGGAGATGACTGAAATCAGATTTGCCATTTCTTTGATGC
TTGTGTGGCAAACCTGCCTTATCAGATCTCCTCTCCCTTTGTCTTCAAGTTGCTGCTCCACCGGCCATTT
TTCAGATGTGCTATACTTATGTTTCAGAGAGAGTTTGTCTTTCGATTGGTTGCCAAGCCTGGAGATAAAT
TATACTGTAGACTCTCCATCAACACACAGCTTTTAGCACGCGTGGACCATCTAATGAAGGTGGGGAAGAA
TAACTTCAGACCGCCCCCAAGGTGGAGTCCAGCGTGGTCAGGATAGAACCTAAGAATCCGCCACCACCA
ATCAATTTTCAGGAATGGGACGGCTTAGTAAGGATCACTTTTGTTCGGAAAAACAAGACTGTCCGCTG
CATTCAAATCAAGTGCAGTACAACAACCTGTTGGAAAAAATTACAGAATTCAGTGTTCAGTACAGAATAC
TGTAATACCAGAAGATTTTCAGTATAGCAGATAAAAACAGCAAATCCTAACCCAGCACAGGTTTCAGTGAC
AAACGGGCCCCGTTCCATGGACATAGATGACTTCATCAGGTTGCTACATGGATTCAATGCAGAAGGCATCC
ACTTCTCTAGCCATTTGAAAACATTTTTTCAAGACCAAAAAAAAAAAAAAAAAAAAA

Restriction Sites: RsrII-NotI

ACCN: NM_025447

Insert Size: 942 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).



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| 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: | <u>BC019799</u> , <u>AAH19799</u> |
| RefSeq Size: | 1035 bp |
| RefSeq ORF: | 942 bp |
| Locus ID: | 66254 |
| UniProt ID: | <u>Q9D0D4</u> |
| Cytogenetics: | 13 D2.1 |
| Gene Summary: | Specifically dimethylates two adjacent adenosines in the loop of a conserved hairpin near the 3'-end of 18S rRNA in the 40S particle. Involved in the pre-rRNA processing steps leading to small-subunit rRNA production independently of its RNA-modifying catalytic activity. [UniProtKB/Swiss-Prot Function] |