

## Product datasheet for **MC216903**

### **Dmrta1 (NM\_175647) Mouse Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Dmrta1 (NM_175647) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Dmrta1
Synonyms:	Dmrt4
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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**Fully Sequenced ORF:** >MC216903 representing NM\_175647  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGATCGCC**

ATGGAGCGATTACCTCACGGTCGTAGAGACCCGAGCGCGGCTGCCGACCCCATCTGCCCCAGGGCGGG  
 CTGCTGCGCCCGCTTCGGCCGCGCGGTCCGGTGTGTCGGGGATTCCGGTGTCCGCGACTTTCCTGCGGCC  
 GCCTGGCCTTTTTCTGCGATCGACCGCAAGCTCCGGTCGCGCAGGATGCGCTCCGGGCCCTGGGCTGGAT  
 AGGGCGTTGGGGCGGTAGGCTGCGGCTACCCGCGGACCCGAAGTGCAGCGCTGTGCAACCATGGCG  
 TGGTGTACAGCGCTCAAGGGCCACAAGCGCTTCTGCCGCTGGCGGGACTGCGCGTGTGCCAAGTGCACCT  
 GATCGCCGAGCGGACGCTGTATGGCCGCGCAGGTGGCCCTGCGCAGGCAGCAGGCGCAGGAGGAGAGC  
 GAGGCCCGCGGGTGCACAGGCTTCTGTACCAGGGTTCGCGGGTCCGGGGCTCAGGCTCCGGGGGCA  
 GCGGCAGGACCGAGAGTCCCAGGTCTGAATAACCCCATGGCTGTAGCTGTTCTGGGAGCGGGTGCCTC  
 TAGACACCTGGGAGCCGGTCAGTCCCAACTTTTCAGGTTTTCCAGCAAGATTATGCTGACAGAAAGCAG  
 GAACAAAACAGAGAAACTGTGAGTCATGCCAGAGTAGACAGGAAGAACCAGTCTCCAACACTCATCACC  
 ATTCTCTGGGATCATCTAAGGTAATGTGACCGTGGAGAAACAGGGCTTCATGTCATCTATTCCAGAACA  
 CCCAGACAAAATCCACCATCATCTGCTCCTTGCCCCACGGATCAATCGGGAGGAGAAGACAGTCCCAGG  
 TCTTTCTCTTCTGACCTGGAATCAGGGAATGAAAGCGAGTGGCCAGAGACTACATTGCTACCAGAG  
 CCAGCCTTTCCACGGTGACCTCAAGACCACGAGACCTCTCGAATTCCTACCAGGATCTTTCCAGGTTA  
 CAAGCATAGCCGCTAGAAGGCATTCTACAGTTCTGCAAGGGAGATGTAGTCCAAGCTATTGAACAGATC  
 TTAATGGGAGAGAACATAAACCAGACTGCAGGGACCTAGCACGCGCAGACTTGGAAAATGCAGCCTTTC  
 AGAGACGTCAGATTTTAGTCTTGGCTGGCATTGGCTTTGGGACTAAGTAATAAATCAGCTCTCTCC  
 TCTTGAAGCTGCGTCTGCTGCTTATGGAGGAGATTCAACTCTCTACAGTTTCAATCCTAGACTAGCTTTC  
 AGCCCACTGCGCCTGGCATTCTTCTCCAGGAAGAGCGCTGTCTGGTTTTGTGCACCCTACCTAACAC  
 CTGGACTGGTCCAGCATTGCCTTTTCGGCAACTTTGGATTATGCGTTTCCAGGGATGATTAGGGAGCC  
 GTCCACCTCCCTAGCAAGCACTTAGTAGCTGGTGGTAGACTGTATTTCCAGGCCAATCAGGAGCATCTG  
**TAA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** Sgfl-Mlul

**ACCN:** NM\_175647

**Insert Size:** 1473 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:** [NM\\_175647.3](#), [NP\\_783578.1](#)

**RefSeq Size:** 4073 bp

**RefSeq ORF:** 1473 bp

**Locus ID:** 242523

**UniProt ID:** [Q8CFG4](#)

**Cytogenetics:** 4 C4