

## Product datasheet for **RN213863**

### **Dmrta1 (NM\_001107945) Rat Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Dmrta1 (NM_001107945) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Dmrta1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



[View online »](#)

**Fully Sequenced ORF:** >RN213863 representing NM\_001107945  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGGAGCAATTTCTCGTAGAGACCGCAGTGGCGGGTGCCGACCCATCTGGGCCAGGGCGGGCTGTTG  
 CTCCCGCTTCGGCTGCGCGGTTCGGTGTCTGCGGGATCCCGGTGTCCGCGACTTTCTAAGGCCGCTGG  
 CCTTTTTCTCGCATCCACCGCAAGTGC GGTCGCGCAGGATGCGTTCCGGGTCTGGGCTGGATAGGGCG  
 TTGGGGCGGTGGGCTGCGGCTACCCGCGGACCCGAAGTGC GCCCGTTGTGCAACCATGGCGTGGTGT  
 CAGCGCTCAAGGGCCACAAGCGCTTCTGCCGTGGCGGGACTGCGCGTGTCCAAGTGCACCCTGATCGC  
 CGAGCGCCAGCGTGTATGGCCGCGCAGGTGGCGCTGCGCAGGCAGCAGGCGCAGGAGGAGCGGAGGCC  
 CGTGGGCTGCACAGGCTCCTGTACCAGGGGCCATCGGGGCCGGGGCTCCAGCCTCGGGGGCAGCGGCA  
 GGACCGAGAGTCCCAGGTTTTGAGTAGCCCCATGACTGTAGCTGCTCTGGGAGCGGGTGCCTCTAGACA  
 CCCTGGGAGCCGGTCTGTCCAGCTTTGAGGTTTTCCAGCAAGATTTTGCTGAGAGAAAGCAGGAACCA  
 AAACAGAGTAACTGTGAGTCATGCCAGAGTAGACACGAAGAACCAGTCTCCAACACTCATACCGTTCTC  
 CGGGATCATCTAACGGTAATGTTACCATGGAGAAACAGGGCTTCATGTCTATTTTCAGAACAGTCGGA  
 CAAATCGACCATCATCTGTCTCCTTGCCACCGGATCAGTCAGGAGGAGAAGACAGCCCCAGGTCCTTC  
 TCTTCTCTGACCTGGAATCAGGGAATGAAAGCGAGTGGCCAGAGACTACACTGCTACCACAGCCAGCC  
 TTTCCACGGTGACCTCAAGACCACGAGACCCTCTCGGAATTTTACCAGGATTTTTCAGGTTACAAGCG  
 TAGCCGCTTAGAAGGCATCCTACAGTTCTGCAAGGGAGATGTAGTCCAAGCCATTGAACAGATCTTAAAT  
 GGGAAAGAACATAAGCCAGACTGCAGGGACCTAGCACATGCAGACTTGGAAAATGCAGCCTTTCAGAGGG  
 CTTCAGATTTTAGTCTTGCTGGCATTGGCTTTGGGACTTAAATAATAAATCAGCTCTCTCTCCTTGA  
 AGCTGCGTCTGCTTACGGAGGAGATTCATCTCTCTACAGTTTCAATCCTAGGCTAGCTTTCAGCCCA  
 CTGCGCCTGGCATATTCTCTCCAGGAAGAGCACTGTCTGGTTTTATGTGCTTACCTAACGCCTGGAC  
 TCGTTCCAGCATTGCCTTTTCGGCCAACCTTTGGATTATGCATTTCCAGGGATGATTAGGGAGCCGCCCA  
 CCTTCTAGCAAACATTTAGTAAGTGGTGGTAGACTGTATTTCCAGGCCAATCAGGAGCACCTGTAA

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM\_001107945
- Insert Size:** 1467 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\_001107945.1, NP\_001101415.1  
RefSeq Size: 4030 bp  
RefSeq ORF: 1467 bp  
Locus ID: 313352  
Cytogenetics: 5q32