

Product datasheet for **RN214398**

Dmrta2 (NM_001107951) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Dmrta2 (NM_001107951) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Dmrta2
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



[View online »](#)

Fully Sequenced ORF: >RN214398 representing NM_001107951
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGAGCTGCGCTCGGAGCTGCCAGCGTGCCCGCGCGGCGACAGCAGCAGCGACAGCGGACCAC
 CCGTGGCATCCGTGGCGTCCGTGGCTGCGGCGGACAGTGCAGCAGCATCGCTACCACTGAGCGTGGCCGG
 AGGCTTGCTGCGGGCGCCCGCTGCTGTTGAGGGCAGCGGAGAAGTACCCGCGGACCCCAAGTGCAGCG
 CGCTGCCGCAACCACGGAGTGGTGTCCGCGCTCAAGGGCCACAAGCGCTACTGCCGCTGGAAGGACTGCC
 TGTGCGCCAAGTGCACGCTCATCGCCGAGCGCCAGCGCTCATGGCGGCCAGGTGGCGTTGCGCAGGCA
 GCAGGCGCAGGAGGAAAACGAGGCACGCGAGTTGCAACTGCTGTACGGCACTGCCAGGGGCTGGCGCTG
 GCCCGCCCAACGGCATCATCCACCGCGGCCAGCTTACGAAGTCTTTGGCTCGGTTTGGCCACCGAGC
 GCGGGGGCGCGGAGCTGGAGCGCCCGCGGGAGTGCAGGGGGCGCTGGGGGCGCAGGGGGCGCAGAGGC
 CAAGTTGAGAAGTTTGATCTGTTTCCCAAGACGCTACTTCAGGCCGGCCGCCAGACAGTCCCGAGCCG
 CGCCAGGGAAGCCCTTGTGCCCCGACGGCGCGGACTCAGGTCCCGGGACCTCGTCCCCGGAGGTGCGGC
 CCGGTTACAGGCTCGGAGAACGGAGATGGCGAGTCTTTTCCGGGTGCGCTCTGGCCCGTGCCTCCAAGGA
 GGCGGGTGGCAGCTGTCTGGGAGCGCGGGCGCCAGCGGTGGCGGCGAGGAGGACAGCCCGGCTCCTCC
 AGCCCCCTGGGTTTCGGAATCGGGCTCGGAAGCTGACAAAGAAGAAGCCGAGGCGCCACCGACTCCAGGGC
 TGGGCGGCGGGCCGGGGCCGCGGAGCGGACGCGCGCTGGACATCTTGACGCGTGTCTTCCCGGGCCACCG
 GAGAGGCGTCTGGAGCTGGTGTTCAGGGCTGTGGCGGCGACGTGGTGCAGGCCATTGAGCAGGTGCTC
 AACCACCACCGCGGAGGCTGGCGGCGGCCCTGGGCCCGCCGCGCCGCTGGAGAAAGCCGCGGTGAGCG
 CGGCCGCGGGTGGAGGACGCGTGGCCCGGACGCGTGGAGGACAGTGGGGCACGGGGGCGCGGGCTGC
 CCTCTCCGCTGCAGACCGGGCCCGCAGCGCCCGCCACACAGACCCCTTGTGGCCGGGGCCATGACGCC
 CGGCGCGTGGGCTCGCTCAGCAGCGGTCGCGCTTCTCGCTCTGCAGCCCAACGCCAGCCACTTCGGC
 GCCAGCGGGGCGCTACCCTCTGGGCGCGCGCTCGGCCTGAGCCCGCTGCGCCTGGCCTACTCCGCGAG
 CAGCGGCCACAGCCGCGGTCTGGCCTTATGGCGCCCTACTCCACGGCCGGCCTGGTGGCCACGCTCGG
 CTTCCGGCCGCCATGGACTACGCCTTACGCGACCTCATGCGCGACCGCTCGGCCCGCCCGCCGCGCGG
 GTGCACAAGGAGCCCGTTACGGGGGCGGGCTGTACGGGCCCATGGTCAACGGCACCCCTGA

CTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATTACAAGGATGACGACG
 ATAAGGTTTAA

- Restriction Sites:** SgfI-XhoI
- ACCN:** NM_001107951
- Insert Size:** 1602 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_001107951.1](#), [NP_001101421.1](#)

RefSeq Size: 2946 bp

RefSeq ORF: 1602 bp

Locus ID: 313471

Cytogenetics: 5q35