

Product datasheet for **RN202204**

Dmrt2 (NM_001107597) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Dmrt2 (NM_001107597) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Dmrt2
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN202204 representing NM_001107597
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGAAGGGCAGGCAGTCCCCGGAGTTGGGGACTGGGAGATCGACGTGGAGAGCCTAGAGCTGGAGGAGG
 ATGGCTGTGGACACCGTTGCGGGCCACGCCACAGGAACCCAGTCCGTGACGGCCGATGGAGAGGAAGA
 TGAGGACGAAGAAGAGGAAGATGAAGATGCAGAGGATGAGGGTGAAGGCGAGGACTCCAGCGCGTCCCCG
 GAGGTACCAGGTCGGCCAGAGCAGCCCGGGGGACTGGCACCCAGGCCACCGCCGCTGCTCAGGCCTGC
 CAGCCGCCCGTGTAGTCCCCGAGCGCGTGTACCGCCGGTGGCGGCGCAGAGCCCCGTAAGTCTGAGCCG
 CACGCCAAGTGCACGCTGCCGTAACCACGGCGTGGTGTCTGTCTCAAGGGCCACAAGCGATTCTGT
 CGTGGCGGGACTGCCAGTGCGCCAAGTGCCTGCTTGTGGTAGAGCGCCAGCGAGTCATGGCCGCCAGG
 TGGCGCTCCGGAGGCAGCAGGCCACAGAGGACAAGAAGGGGCTTCTGGGAAACAGAATAATTTTCGATCG
 GAAAGCAGTGTACCAGAGCAAGTCAGGGCGCCAAGCTTCTGGCCAAAAGCATTCTTAGAAGGGTACCGC
 CCAATGACGGCGCCGAGACTTACTAGGAGGGACCTTCCCCTACCCCGCCTGTCAAGTACAGGATGA
 GGAAGAGAAGAGCATTGCTGACAAGGAGTTGGAGAACATTATGCTGGAGAGAGAATATAAAGAGAGGGA
 GATGTTAGAAACATCTCAAGCCGCTGCCTGTTTCTGCCAATCGCATGGTGGCCGGCCCTGAGTACAGT
 TCCTACAAAGGTGCCTTCAGCCCCAGCGCAGGCGAGCTGCCGAGCAAGGACTTCTGTAACATTTTACCTA
 CCTGTCTCGATCTCACCATGCAGTATTCAGGGTCTGGGAATATGGAAGTATTTCTTCAATGTCAGCGT
 GGCCACAACCTACAGACAATATCCCCTGTCTCGCGATTTTGTAGTCTGGCCCAAGTGGGTCCTTATAGC
 GACACCCTCCTTACCAGCAATACCTGTTAAATGCTACCACTTCTGTCCAAGCCCTGAAGCCTGGGGCCG
 GCTGGGACTTGAAGGAACCCGAGTTCAGGATGGGCTTAGTGCAGAGCATGACGGGATGCCACCCAAACC
 GGAAGGCTCTCTAGTGTGCCTCAACTATCAGAGGTCCCGACCTCAAGAACTGACCTTCAGGCTCACCAG
 GCTGTCCAGAGAGGTCTGCCTTCTCCACCAGCCGGAATTTCTCCCCATTGTTGATATGGACTGTC
 TGGCAGCTCAAGGGCACGTCTTAACCAAGATCAGCAAAGAAAACACTAGGTATCCTCTGCCACTTAAACG
 TAATCCATTCCAAGTATTCCAGCCGACGCTCAACGACAAATCAGGCCCTGAATTGAAAGCACCGTTT
 GTCAAAGAAGCCTTTGAAGAGACCCGAAGAAACACAGGGAGTGTGGTCAAGGAGAACCCGAAGTACA
 CATTTACAATAGACAGATGCGCAAAGACCTCTCGTAGCCAAACAAGTTGGAACGAACTCTCGGTGAA
 CGAGCCTCTGCTGTTTTCCGTGGAATCTATTCTAAGAGGCCCTCATCTGCTGCTACTCCCGTCTCTCAG
 TGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_001107597

Insert Size: 1683 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_001107597.1](#), [NP_001101067.1](#)

RefSeq Size: 2331 bp

RefSeq ORF: 1683 bp

Locus ID: 309430

Cytogenetics: 1q51