

Product datasheet for **RN205766**

Dmrt1 (NM_053706) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Dmrt1 (NM_053706) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Dmrt1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>RN205766 representing NM_053706 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGCCTAACGACGACGCATTTCGGCAAGCCCTCTGCACCGACGGAGGTTCTCACGCTCCCGGGGCTCCGC
CGCAGGGCAAAGCCGGGGGCTACAGCAAAGCCACTGGGGCGATGGCCGGAGCAGCCGGGGGCTCCAGTGC
GGGGGGCAGCGGAGGTGCCTCGGGCTCCGGGCCGTCGGGCCTGGGCTCTGGAAGCAAGAAGTCCCGAGG
CTGCCCAAATGCGCTCGCTGCAGGAACACGGCTACGCGTCGCCGCTCAAGGGCCACAAGCGCTTTTGCA
TGTGGCGGGACTGCCAGTGAAGAAGTGCAGCCTGATTGCCGAGCGACAGCGGGTGATGGCCGCGCAGGT
GGCCCTGAGAAGACAGCAGGCCAGGAAGAGGAGCTGGGCATCAGCCACCCATTCCGCTGCCAGCGCA
GCAGAGCTGCTGGTCAAAAGAGAGAATAGTGCCAGCAACCCGTGCCTGATGGCTGAGAGCAGCAGCTCGG
CCCAGCCCCACCGGCCAGCACCCCAACCCCACTGTCTCAGAGGGACGCATGGTCATCCAGGATATCCC
TGCTGTCAACGACGAGGGCACATGGAGAACGCACCTGACCTGATGTCAGACCCCGCCTACTACAGCAGC
TTTTACCAGCCGTCTCTGTTTCCTTACTACAACATCTGTACAACACCCCACTCCATGGCCTTGT
CTGCTGAGTCTCTCAGGGGACGTGGGAAATCCCTTGGGGGATCCCCTGTGAAGAAGCCTGCGTAG
TCTCCAGCACCTTATGTGCTGCTCAGACTGGAACAGTGGCAGATGAAGACCTCAGAGGGCCGCCAC
CCAGTGAGCTCCAGTACCGGATGCACTCATACTATGGGCCTCCCTCCTACCTGGGTGAGCAGATGTCCC
AGATCTTTACCTTTGAGGAAGGCCCTCCTACTCAGAAGCCAAAGCAAGTGTGTTCTCGCCGCCAGCAG
TCAAGATTCTGGCTTGGTTTCCCTCTCCAGCAGCTCTCCGATGAGCAACGAGAGCACGAAGGGAGTTCTG
GAATGCGAGTCTGCGTCTCTGAACCTAGCAGCTACGCGGTCAACCAGGTCTGGAAGAGGATGAGGACG
AG**TGA**

AG**CGGACCG**ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCC
TGGATTACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-RsrII



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ACCN:	NM_053706
Insert Size:	1125 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:	<u>NM_053706.1</u> , <u>NP_446158.1</u>
RefSeq Size:	1415 bp
RefSeq ORF:	1125 bp
Locus ID:	114498
Cytogenetics:	1q51
Gene Summary:	transcription factor required for postnatal testis differentiation [RGD, Feb 2006]