

## Product datasheet for **SC322557**

### DMRTC2 (NM\_001040283) Human Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	DMRTC2 (NM_001040283) Human Untagged Clone
Tag:	Tag Free
Symbol:	DMRTC2
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC (PS100020)
E. coli Selection:	Ampicillin (100 ug/mL)



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**Fully Sequenced ORF:** >OriGene sequence for SC322557  
 CTTTGGGCGTCTTCTTGAAGTGAATCTGACTCCATTGGAGGCTGTGATCCATGGAACCCAG  
 TGACATGCCTGCTGGCTACCACTGCCCTTAGACTCTGCCCTGGGATGAGACCAGAGA  
 CCCCAGAGCACAGAGCTGATCCCCAGGAGAGCCATCAGCCGCTCTCAAACCTGCGCCCG  
 CTGCCCAACCATGGTGTACCGCCCATCTCAAGGGCCACAAGCGCCTCTGCCTTTCCA  
 GGCTTGCAGTGTACAAATGTCTCTATCCTGGAGCGCCGAGGGTCATGGCTGCCCA  
 GGTGGCCTTGCAGTGGCAGCAGGAGGCGCAGCTAAAGAAGCACCTGATGAGGAGAGGGGA  
 AGCCTCTCCCAAAGTCCCAACCACTTCAGAAAGGGAACCACTCAGCCACAGGTCCCTC  
 TGGAAAGGAGAACATAGCACCCAGCCTCAGACCCCCATGGGGCAGTCTGCTGGCACC  
 GACACCCCGGGAAGAACTCCTGTGGCCTCTGCTGCTCAGCCATCCCCGGAAGCCTC  
 GCCCTTGTCTGGACTCCGGTGCCTCCTGGCCCTTGGGTCCCTGGACTGGCTGCCTC  
 AGGCTTCTCCATGCCACCACAGTGGTGTGCCGCTGCTGTACCAAGAACCTGCTGTCTC  
 TCTGCCTCCCTTCCCTGGCTTTGACCCTGGCACCTCCCTCCAGCTGCCACTCATGGCC  
 CTTACCACCTGCCAGGATCTACCCAGTACTGACAGCTCCTTTCTGGAGAGCCCCA  
 AGGGCCCTTAGCCAGCCCGCACACACTCAACTCTGATACTCCAGCCCTGTGGACCCC  
 AGACCCTTTAGCTACAGCCACAGGCCTCTGGAGCCTCGTGCCTGGCCCGACATCTGG  
 CCCTCAGAGTGGCAGCTGCAGCAAGAGGCAGCTGAAGCCCTCGTGGGGTGAAAGATTC  
 ATCCCAGGCTCCTCGTGTGACCCCTTCTGTGCCCCCAACCTGCCTGGATCTCCCTGCT  
 TCACCCCTGTGGCCACAGCTCCTGCTGGAGGAAGAGGATTCCAGCCTGTTGGCCCTG  
 TCTTCGACCCAGCCAGCCCTCTGTTGCTCTGCATATTGGCCGTCTGGGGTCCATCTC  
 CCTCTGAGCTAGAAACCCAGAGATGGAGGCTGTCTTGTATGGCAGGGAGGTGACAGCC  
 TGCTGGCACTGTATTTAGTGTCTTACTTAAGGATTTATGCATGGAATTTAATGTAGTA  
 CAAGCTTCGGGCTTTTTTGTGTTGTTGTTGTTGTTGTTGTTGTTAAGCTTTCAGGTGCTTCA  
 TTAGCTTTCAGTTCCTTTGGTAGTGTGGCATTTCCTTGCTGACAGTGGATATTTGT  
 ACCCTTCTGGGCTCCTGGGATCTCTTGAATTCCTCAATAAAGAGAGAGTTGTGCTATTTA  
 AGCTGACCAGTATCTATAACGTGTTTGCATGAGTTTACATCCCAGGATTCCATGATTCT  
 GTAAATGCCTATGCATTCATGTCTGTCTCCATGCATGTGAAAACAGGAGAGTGTTCAT  
 TTTGTGTCTAGGTTTGTGTGAGTAAGCAAGAAATAAACCTTTGTTGTTGTAAGCCACTGA  
 GATTTGGAGAGTGTACCACAGCCTAACCTAGTCTATCCTGACTGACAGAAAGGACTTGT  
 TCATTTGCTTCTCAAAGTGAAAAATCTGTTATCCAATAGCTACCATAGATGAAAAACAA  
 CTTGGATTTTTTCTTTGTCCAAATAAAAAAATGATGTAAGAAAAA

**Restriction Sites:** Please inquire

**ACCN:** NM\_001040283

**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).

**OTI Annotation:** This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.

**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\\_001040283.1](#), [NP\\_001035373.1](#)

**RefSeq Size:** 1821 bp

**RefSeq ORF:** 1104 bp

**Locus ID:** 63946

**UniProt ID:** [Q8IXT2](#)

**Cytogenetics:** 19q13.2

**Protein Families:** Transcription Factors

**Gene Summary:** May be involved in sexual development.[UniProtKB/Swiss-Prot Function]