

Product datasheet for **RN208126**

Dmtf1 (NM_053693) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Dmtf1 (NM_053693) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Dmtf1
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN208126 representing NM_053693
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGAGCACAGTTGAAGAGGATTCTGACACAGTAACAGTAGAAACTGTGAATCTGTGACGTTTACTCAGG
 ACACAGACGGGAACCTCATTCTTCATTGCCCTCAGAATGACCCTGATGAAATAGACTCAGAAGACAGTAC
 TGAACCTCCACATAAGAGGCTTTGTTTGTCTCCGAGGATGATCAGAGCATTGATGACTCTACACCGTGC
 ATATCGGTTGTGGCACTCCCACTTTAGAAAATGATCAGAGCTTTGAGGTGACCATGACGGCAACTACAG
 AGGTGGCAGATGATGAACTTTCTGAGGAACTGTGACACAAATTCAGATTTTACAGAATGATCAACTAGA
 TGAGATGTCTCCATTGGTACTGAGGAAGTTTCTGCAGTTAGCCAAGCATGGTTTACAATAAAGAAGAC
 AAGGATTCTCTACTAACAAAGGACATAAATGGAAGCAAGGGATGTGGTCCAAGGAAGAAATGATATTT
 TGATGAACAACATTGAGCGCTATCTGAAGGCTCGCGGAATAAAGATGCTACAGAATCATCTTTGAGAT
 GTCAAAAGACGAAAGAAAAGATTTCTACAGGACTATTGCGTGGGGCTGAACCGGCTTTGTTTGCAGTT
 TATAGAAGAGTGTGCGCATGTATGATGACAGGAACCATGTGGGAAAATACACTCCTGAAGAAAATTGAGA
 AGCTCAAGGAGCTCCGGATAAAGCATGGCAATGACTGGGCAACAATAGGGGCGGCCCTGGGAAGAAGCGC
 CTCTTCTGTCAAAGACCGCTGCCGGCTGATGAAGGACACCTGCAACACAGGGAAATGGACAGAAGAAGAA
 GAAAAGAGACTTGAGAGGTAGTTCATGAATTAACAAGCACGGAGCCAGGTGACATCGTCACACAGGGTG
 TGTCTTGGGCAGCTGTAGCGAAAGAGTGGGTACCCGCTCAGAAAAGCAATGCCGTTCTAAATGGCTCAA
 CTACCTGAACTGGAAACAGAGTGGGGAACTGAGTGGACCAAGGAAGTGAATCAATCTCATCCTCAGG
 ATAGCTGAGCTTGATGTAGCTGATGAAAATGACATAAACTGGGATCTTCTAGCTGAGGGATGGAGCAGTG
 TTCGTTACCACAGTGGCTTCGAAGTAAATGGTGGACCATCAAAGGCAAAATCGCAAACCATAAGGATGT
 TTCGTTTCTGCTTCAACAGACTCCCTGCTGCTTCTGTTGACTCAGAAACAATAACACTAAACAGTGGA
 ACACTGCAAAACATTTGAGATTCTTCCATCTTTCCATTTACAGCCTACTGGTACTCCAGGCACCTACCTTC
 TTCAAACAAGCTCAAGTCAAGGCCTTCCCTAACACTGACCACAAGTCCCACAGTAACCCTGGCAGCTGC
 TGCTCCTGCTTCTCCTGAACAGATCATTGTTTCATGCTTTATCCCCGGAACATTTGTTGAACACAAGTGAC
 AATGTCACAGTACAGTGTACACACCAAGAGTCATCATTCAAACCTGTTGCTACAGAGGACATCACTTCTT
 CAATATCCCAAGCAGAAGTACAGCTGATAGTATCTTCACTCATCTGATTTTCTGAGCCTCCAGATGC
 ACTAGAAGCAGACTTTCCAGATGAAATTCCTCGGCTAAGATGACTATAACAACCATCTTAATAAT
 GCTCATGTGTCTAAATACAGTGACCAAAATAGCACAGAAGTATGATGATGATGATGATGATGATGATGATG
 AAGAAATTTGCTGACACTGACCTTAAGCAAGAACCCTTCCGACTTAGCCAGTGCTTATGTTACTGAGGA
 TTAGAGTCTCCTACCATAGTACACCAAGTTCATCAGACAATTGATGATGAGACAATACTTATCGTTCTCT
 TCACCACATGGCTTTATCCAGGCATCTGATGGTATCGACGCTGAGTCTGTCTTGCCTTTGACAACACTAA
 CAGATCCCATATTTCAACATCATCAGGAAGAATCGAATAAATGGATCATCTTTGGGCAGTCTGTCTTC
 TGAGGACTCAAAGGATGTTGAGGACTTGGTAAACTGTCAC**TAG**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_053693

Insert Size: 2073 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_053693.1](#), [NP_446145.1](#)

RefSeq Size: 3359 bp

RefSeq ORF: 2073 bp

Locus ID: 114485

UniProt ID: [Q66HG1](#)

Cytogenetics: 4q12

Gene Summary: mouse homolog is a transcription factor that arrests the cell cycle in G1 phase [RGD, Feb 2006]