

## Product datasheet for **MC221375**

### **Dmtf1 (NM\_011806) Mouse Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Dmtf1 (NM_011806) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Dmtf1
Synonyms:	Dimp; Dmp1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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**Fully Sequenced ORF:** >MC221375 representing NM\_011806  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGAGCACAGTTGAAGAGGATTCTGACACAGTAACAGTAGAAACTGTGAACCTCTGTGACGTTTACTCAGG  
 ACACGGACGGGAATCTCATTCTTCATTGCCCTCAGAATGACCCTGATGAAGTAGACTCAGAAGACAGTAC  
 TGAACCTCCACATAAGAGGCTTTGTTTGTCTCTGAGGATGATCAAAGCATTGATGACGCTACGCCATGC  
 ATATCAGTCGTGGCACTCCCACTTTAGAAAATGATCAGAGCTTTGAGGTGACCATGACGGCAACTACAG  
 AGGTGGCAGATGATGAACCTTTCTGAGGGAACTGTGACACAAATTCAGATTTTACAGAATGATCAACTAGA  
 TGAAATATCTCCATTGGTACTGAGGAAGTCTCAGCAGTTAGCCAAGCGTGGTTTACAACAAAGAAGAT  
 AAGGATCTCTCACTAACAAAGGACATAAATGGAAGCAGGGGATGTGGTCCAAGGAAGAAATGATATTT  
 TAATGAACAACATCGAGCGCTATCTGAAGGCTCGCGGAATAAAAGATGCTACAGAAATCATCTTTGAGAT  
 GTCAAAAGACGAAAGAAAAGATTTCTACAGGACTATAGCGTGGGGCTGAACCGGCTTTGTTTGCAGTT  
 TATAGAAGAGTGTGCGCATGTATGATGACAGGAACCATGTGGGAAAATACACTCCTGAAGAGATCGAGA  
 AGCTCAAGGAGCTCCGGATAAAACACGGCAATGACTGGGCAACAATAGGGCGGCCCTAGGAAGAAGTGC  
 CTCTTCTGTCAAAGACCCTGCCGGCTGATGAAGGATACCTGCAACACAGGGAAATGGACAGAAGAAGAA  
 GAAAAGAGACTTGCAGAGGTAGTTCATGAATTAACAAGCACGGAGCCAGGTGACATCGTCACACAGGGTG  
 TGTCTTGGGCAGCTGTAGCTGAAAGAGTGGGTACCCGCTCAGAAAAGCAATGCCGTTCTAAATGGCTCAA  
 CTACCTGAACTGGAAGCAGAGTGGGGTACTGAATGGACCAAGGAAGTGAATCAATCTCATCCTAAGG  
 ATAGCTGAGCTTGATGTGGCCGATGAAAATGACATAAACTGGGATCTTTTAGCTGAAGGATGGAGCAGTG  
 TCCGTTACCACAGTGGCTTCGAAGTAAATGGTGGACCATCAAAGGCAAAATGCAAACCATAAAGGATGT  
 TTCATTTCTGTCTTAATAAAGGTCTTAAACAGTTACATGAGAACCAAAAAACAACCCAGTGTCTTTTG  
 GAGAATAAATCAGGATCTGGAGTTCAAACAGTAATTGCAATTCAGTGTACAGCATGTTGAGATCAGAG  
 TCGCCCGCTTGAAGATAATACAGCCATCTCTCAAGCCCATGGCAGCGTTGCAGATTCAGTCCAGAT  
 CACCCAGTCTCTTCAACAGACTCCCCTGCTTCTGTTGACTCAGAAACAATCACACTAAACAGTGGAA  
 AACTACAACATTTGAGATTCTCCATCTTCCATTTACAGCCCACTGGTACTCCAGGCACCTACCTTC  
 TTCAAACAAGCTCAAGTCAAGGCCTTCCCCTAACACTGACCACAAATCCCACAGTAACCCCTGGCAGCTGC  
 TGCTCCTGCTTCTCTGAACAGATCATTGTTTCATGCTTTATCCCAGAACATTTGTTGAACACAAGCGAT  
 AATGTCACGGTACAATGTCACACACCAAGAGTCATCATTACAGACGGTAGCTACAGAGGACATCACTTCTT  
 CATTATCCCAAGAGGAACTGACAGTTGATAGTGATCTTCAATTCATCTGATTTCCCTGAGCCTCCAGATGC  
 ACTAGAAGCAGACACTTTCCAGACGAAATTCCTCGGCCTAAGATGACTATAACAACCATCATTTAATAAT  
 GCTCATGTATCTAAATTCAGCGACCAAAATAGCACAGAATGATGAACAGTGTGATGGTCAAGACAGAGG  
 AAGAAATGCCGACACTGACCTTAAGCAGGAAGAACCCTGCTGACTTAGCCAGTGCTTATGTTACTGA  
 GGATTTAGAGTCTCCACCATAGTGCACCAAGTTCATCAGACAATTGATGATGAAACAATACTTATCGTT  
 CCTTCACTCATGGCTTTATCCAGGCATCTGATGTTATAGATACTGAATCTGTCTTGCCCTTGACAACAC  
 TAACAGATCCAATATCCAGCATCATCAGGAAGCATCAAATATAATTGGATCATCTTTGGCAGTCTCTGT  
 TTCTGAAGACTCAAAGGATGTTGAGGACTTAGTAACTGTCAC**TAG**

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** SgfI-MluI  
**ACCN:** NM\_011806  
**Insert Size:** 2286 bp

<b>OTI Disclaimer:</b>	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).
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<a href="#">NM_011806.3</a> , <a href="#">NP_035936.3</a>
<b>RefSeq Size:</b>	3755 bp
<b>RefSeq ORF:</b>	2286 bp
<b>Locus ID:</b>	23857
<b>UniProt ID:</b>	<a href="#">Q8CE22</a>
<b>Cytogenetics:</b>	5 A1
<b>Gene Summary:</b>	<p>Transcriptional activator which activates the CDKN2A/ARF locus in response to Ras-Raf signaling, thereby promoting p53/TP53-dependent growth arrest. May also cooperate with MYB to activate transcription of the ANPEP gene. Binds to the consensus sequence 5'-CCCG[GT]ATGT-3'. [UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (1) represents the longer transcript and encodes the longer isoform (1).</p>