

Product datasheet for **MC217769**

Dmtf1 (BC045141) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Dmtf1 (BC045141) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Dmtf1
Synonyms:	Dimp, Dmp1
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>BC045141 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGAGCACAGTTGAAGAGGATTCTGACACAGTAACAGTAGAACTGTGAAGTCTGTGACGTTTACTCAGG
ACACGGACGGGAATCTCATTCTTCATTGCCCTCAGAATGTTTCAGAAAATGATCAGAGCTTTGAGGTGAC
CATGACGGCAACTACAGAGGTGGCAGATGATGAAGTCTGAGGAACTGTGACACAAATTCAGATTTTA
CAGAATGATCAACTAGATGAAATATCTCCATTGGGTACTGAGGAACTCTCAGCAGTTAGCCAAGCGTGGT
TTACAACATAAAGAAGATAAGGATTCTCTCACTAACAAGGACATAAATGGAAGCAGGGGATGTGGTCCAA
GGAAGAAATGATATTTAATGAACAACATCGAGCGCTATCTGAAGGCTCGCGGAATAAAGATGCTACA
GAAATCATCTTTGAGATGTCAAAAGACGAAAGAAAAGATTTCTACAGGACTATAGCGTGGGGGCTGAACC
GGCCTTTGTTTGCAGTTTATAGAAGAGTGTGCGCATGTATGATGACAGGAACCATGTGGGAAAATACAC
TCCTGAAGAGATCGAGAAGCTCAAGGAGCTCCGGATAAACACGGCAATGACTGGCAACAATAGGGGCG
GCCCTAGGAAGAAGTGCCTCTTCTGTCAAAGACCGCTGCCGGTGAAGGATACCTGCAACACAGGGA
AATGGACAGAAGAAGAAGAAAAGAGACTTGCAGAGGTAGTTCATGAATTAACAAGCACGGACCCAGGTGA
CATCGTCACACAGGGTGTGCTTGGGCAGCTGTAGCTGAAAGAGTGGGTACCCGCTCAGAAAAGCAATGC
CGTTCTAAATGGCTCAACTACCTGAAGTGAAGCAGAGTGGGGTACTGAATGGACCAAGGAAGATGAAA
TCAATCTCATCTAAGGATAGCTGAGCTTGTGTCGCGGATGAAAATGACATAAACTGGGATCTTTTAGC
TGAAGGATGGAGCAGTGTCCGTTACCACAGTGGCTTGAAGTAAATGGTGGACCATCAAAGGCAAATT
GCAAACCATAAAGGATGTTTCATTTCTGTGACAGCATGTTCCAGATCAGAGTCGCCCGCTTGAAGATAA
TACAGCCATCTCCAAGCCCCATGGCAGCGTTGCAGATCCAGTCCAGATCACCCACGTCTCTTCAACA
GACTCCCTGCTGCTTCTGTTGACTCAGAAACAATCACACTAA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCTGAAGAGGATCTGGCAGCAAATGATATCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



[View online »](#)

Restriction Sites:	Sgfl-Mlul
ACCN:	BC045141
Insert Size:	1233 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:	<ol style="list-style-type: none">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>BC045141</u> , <u>AAH45141</u>
RefSeq Size:	3510 bp
RefSeq ORF:	1232 bp
Locus ID:	23857
Cytogenetics:	5 A1
Gene Summary:	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]