

Product datasheet for **MC209518**

Tfdp1 (NM_009361) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
 Product Name: Tfdp1 (NM_009361) Mouse Untagged Clone
 Tag: Tag Free
 Symbol: Tfdp1
 Synonyms: Dp1; Drtf1
 Vector: pCMV6-Entry (PS100001)
 E. coli Selection: Kanamycin (25 ug/mL)
 Cell Selection: Neomycin
 Fully Sequenced ORF: >MC209518 representing NM_009361
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGCC**

ATGGCAAAAGATGCCAGTCTAATTGAAGCCAACGGAGAATAAAGGTCTTTATAGACCAGAATCTTAGTC
 CTGGGAAAGGTGTGGTATCTCTTGTAGCCGTCCACCCGTCCACAGTCAACACACTGGGAAGCAGCTTTT
 GCCAAAAACCTTCGGACAGTCCAATGTCAATATCACACAGCAAGTGGTATTGGCAGCCCTCAGAGACCG
 GCAGCATCCAACACTATTGTGGTAGGAAGCCACACACTCCAACACGCATTTTGTGTACAGAAACCAGA
 CGTCTGACTCCTCACCTGGTCTGCTGGGAAGCGGAACAGGAAGGGCGAGAAGAATGGCAAGGGCCTGCG
 GCATTTCTCCATGAAGGTGTGTGAGAAGGTGCAGAGGAAAGGAACCACTCCTACAATGAGGTGGCTGAC
 GAGCTGGTGGCAGAGTTCAGCGCTGCCGACAACCACATTCTACCAACGAATCAGCTTATGACCAGAAGA
 ACATCCGGCGGCGTGTCTACGATGCCTAAATGTGCTAATGGCCATGAACATCATCTCCAAGGAGAAGAA
 GGAGATCAAATGGATCGGCTGCCCAACTCAGCTCAGGAGTCCAGAACTTAGAGGTAGAGAGGCAG
 AGGAGGCTGGAGAGGATCAAACAGAAGCAGTACAGCTCCAGGAGCTCATCTGCAGCAAATTCCTTCA
 AGAATTGGTGCAGAGAAATCGCCAAGCTGAGCAGCAGGCCCGCAGGCCCTCCTCCAACCTGTGCAT
 CCACTTGCCTTCATCATTGTCAACACCAGCAGGAAGACAGTATTGACTGCAGCATCTCCAATGACAAA
 TTTGAGTATCTGTTAACTTTGACAACCGTTTGAGATCCACGATGACATTGAGGTGCTCAAGCGCATGG
 GCATGGCATGTGGGCTGGAGTCTGGCAACTGCTCTGCTGAAGACCTCAAGGTGGCCAGAAGTTTGGTACC
 AAAAGCTCTAGAACCATACGTGACAGAAATGGCTCAGGGATCCATTGGTGGAGTATTCGTACGACAACA
 GTTTCTACATCCAATGGCACAAGGCTTTCTGCCAGTGATTTGAGCAATGGTGCAGATGGGATGCTGGCCA
 CGAGCTCCAATGGGTCTCAGTACAGCGGCTCCAGGTCGAGACCCCTGTGTCTACGTTGGGGAGGATGA
 TGACGACGATGATGACTTTAATGAGAACGACGAGGAGGAT**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA



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Restriction Sites:	Sgfl-Mlul
ACCN:	NM_009361
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>NM_009361.3</u> , <u>NP_033387.1</u>
RefSeq Size:	2584 bp
RefSeq ORF:	1233 bp
Locus ID:	21781
UniProt ID:	<u>Q08639</u>
Cytogenetics:	8 A1.1
Gene Summary:	<p>Can stimulate E2F-dependent transcription. Binds DNA cooperatively with E2F family members through the E2 recognition site, 5'-TTTC[CG]CGC-3', found in the promoter region of a number of genes whose products are involved in cell cycle regulation or in DNA replication. The E2F1:DP complex appears to mediate both cell proliferation and apoptosis. Blocks adipocyte differentiation by repressing CEBPA binding to its target gene promoters (PubMed:20176812).[UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (1) encodes the longer isoform (a). Variants 1 and 2 both encode the same isoform (a).</p>