

Product datasheet for **SC213180**

DMTF1 (NM_021145) Human 3' UTR Clone

Product data:

Product Type: 3' UTR Clones
Product Name: DMTF1 (NM_021145) Human 3' UTR Clone
Vector: pMirTarget (PS100062)
Symbol: DMTF1
Synonyms: DMP1; DMTF; hDMP1; MRUL
ACCN: NM_021145
Insert Size: 1215 bp
Insert Sequence: >SC213180 3'UTR clone of NM_021145
The sequence shown below is from the reference sequence of NM_021145. The complete sequence of this clone may contain minor differences, such as SNPs.
Blue=Stop Codon **Red**=Cloning site

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
GATGTCGAAGATTTGGTAACTGTCATAGATAAATTCTTAGAAATAGGCAGTTC AAGCAAAGAAGGCA
CACTGTTAATTACAACCTCTTCAAAGAAATAGGAGCAACCCCAAGAGGCTTAATTTACCAATTTAAAT
AGCCACAGTCCTTAAGCCACACACATTGTTGCTGCTATGACTTTTTACCTCCTTTAAACACATCATCTG
AGGTTGAGTTTTATGACAGTATGTAGTTGAGTGGAGGCTGGGAGTTTTAAGCATAAATCCCTGTTTAGT
GTTACATGGGAATAAGGAATTTCACTTCACTTCAAGCCACTAAGAAAAGTTAGAATCACGAAAAGCTTAAC
TGCTGTGGTTTTAAGTACAGTTTCTCTAAAGATCAGACATGGCACTGTCTCCTCTCAAGCCTGGTTGTA
GTTCAGATGAGTCTTTCAACATGGTCTTCAACATGGTCTAGAGCTTACCAGTGATCTTCTGATCTTCA
AGAAGACTAAGTTTGAGACTTGACCAGCATACAAGTATAGAGACCTAGGAGGTGGTCTTGTGGTGGTAC
ATTTGGTTAACCATTGCTGGCAGTGGGAGCTGATTTAGGCAGGGTAAACAGGAAAGCATTAAAAAGTTA
AAATTCACACTACAGTTTTTTGTTACTTTTTAAAGGGAATATGGATAAGCATAGTAACAAAACCCACCAGA
ATCTAAGCAGTTTTACCCCTCAGAAACCACTGTCATTAGTTTACAAAGTTAGCACTTTGAAGTAAAA
CTAAATGAGGAAGGAAGTAAATGTTACCTATCCTTGATACCATGACCATTTATTAGATGTTTTGCTATAT
AAATTACCAGAGAAATAGTTTGTCCACTTAGTGTGTAGCTGGTGGGTACAATATAACCTCTCAT
CTCAGGCTATTTTAAAAAACAATTTTCTTCTATAACAAAAGGAAACAATCTAAGAATCATTCTG
TACTACAGAAGGGTTAAGGCAAAGGTAGCCTTTTGGGCTTTTTAATGAATATGACCCCTATAGAAAAGT
CAAGAAAAAAAACCCCTGTATAAATTTTTATTATTATTGTAATTAGATCTTACAAAAGTTGTCTT
TTCCTGTGTTTTGTCAACGTGAAATTAATTTGATGTTATAAGCAAAAAGTTGGTTGCCTAGGGAACAAT
TGTATATTCAGTTTAAACAGAAATAAAGAATATTTGCTTAA
ACGCGTAAGCGGCCGCGCATCTAGATTGCAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTTTCGATTCCACCGCCCTTCTATGAAAGG
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Restriction Sites: SgfI-MluI



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OTI Disclaimer:	Our molecular clone sequence data has been matched to the sequence identifier above as a point of reference. Note that the complete sequence of this clone is largely the same as the reference sequence but may contain minor differences , e.g., single nucleotide polymorphisms (SNPs).
Components:	The cDNA clone is shipped in a 2-D bar-coded Matrix tube as 10 ug dried plasmid DNA. The package also includes 100 pmols of both the corresponding 5' and 3' vector primers in separate vials.
RefSeq:	<u>NM_021145.4</u>
Summary:	This gene encodes a transcription factor that contains a cyclin D-binding domain, three central Myb-like repeats, and two flanking acidic transactivation domains at the N- and C-termini. The encoded protein is induced by the oncogenic Ras signaling pathway and functions as a tumor suppressor by activating the transcription of ARF and thus the ARF-p53 pathway to arrest cell growth or induce apoptosis. It also activates the transcription of aminopeptidase N and may play a role in hematopoietic cell differentiation. The transcriptional activity of this protein is regulated by binding of D-cyclins. This gene is hemizyously deleted in approximately 40% of human non-small-cell lung cancer and is a potential prognostic and gene-therapy target for non-small-cell lung cancer. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Dec 2008]
Locus ID:	9988
MW:	46.8