

## Product datasheet for **SC213063**

### DMTF1 (NM\_001142326) Human 3' UTR Clone

#### Product data:

**Product Type:** 3' UTR Clones  
**Product Name:** DMTF1 (NM\_001142326) Human 3' UTR Clone  
**Vector:** pMirTarget (PS100062)  
**Symbol:** DMTF1  
**Synonyms:** DMP1; DMTF; hDMP1; MRUL  
**ACCN:** NM\_001142326  
**Insert Size:** 1215 bp  
**Insert Sequence:** >SC213063 3'UTR clone of NM\_001142326  
The sequence shown below is from the reference sequence of NM\_001142326. 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
TGCTGTGGTTTAAAGTACAGTTTCTCTAAAGATCAGACATGGCACTGTCTCCTCTCAAGCCTGGTTGTA
GTTCAGATGAGTCTTTCAACATGGTCTTCAACATGGTCTAGAGCTTACCAGTGATCTTCTGATCTTCA
AGAAGACTAAGTTTGAGACTTGACCAGCATACAAGTATAGAGACCTAGGAGGTGGTCTTGTGGTGGTAC
ATTTGGTTAACCATTGCTGGCAGTGGGAGCTGATTTAGGCAGGGTAAACAGGAAAGCATTAAAAAGTTA
AAATTCACCTACAGTTTTTTGTTACTTTTTAAAGGGAATATGGATAAGCATAGTAACAAAACCCACCAGA
ATCTAAGCAGTTTTACCCCTCAGAAACCACTGTCATTAGTTTACAAAGTTAGCACTTTGAAGTAAAA
CTAAATGAGGAAGGAAGTAAATGTTACCTATCCTTGATACCATGACCATTTATTAGATGTTTTGCTATAT
AAATTACCAGAGAAATAGTTTGTGATCCACTTAGTGTGTTAGCTGGTGGGTACAATATAACCTCTCAT
CTCAGGCTATTTTAAAAAACAATTTTGTCTTATAACAAAAGGAAACAATCTAAGAATCATTCTCTG
TACTACAGAAGGGTTAAGGCAAAGGTAGCCTTTTGGGCTTTTTAATGAATATGACCCCTATAGAAAAAGT
CAAGAAAAAAAACCCCTGTATAAATTTTTATTATTATTGTAATTAGATCTTACAAAGTTGTCTT
TTCCTGTGTTTTGTCAACGTGAAATTAATTTGATGTTATAAGCAAAAAGTTGGTTGCCTAGGGAACAAT
TGTATATTCAGTTTAAACAGAAATAAAGAATATTTGCTTAA
ACGCGTAAGCGGCCGCGCATCTAGATTGCAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTTTCGATTCCACCGCCGCTTCTATGAAAGG
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**Restriction Sites:** SgfI-MluI



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<b>OTI Disclaimer:</b>	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).
<b>Components:</b>	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.
<b>RefSeq:</b>	<a href="#">NM_001142326.2</a>
<b>Summary:</b>	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 hemizygosously 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]
<b>Locus ID:</b>	9988
<b>MW:</b>	46.8