

## Product datasheet for SC213843

### DCTD (NM\_001921) Human 3' UTR Clone

#### Product data:

**Product Type:** 3' UTR Clones  
**Product Name:** DCTD (NM\_001921) Human 3' UTR Clone  
**Vector:** pMirTarget (PS100062)  
**Symbol:** DCTD  
**ACCN:** NM\_001921  
**Insert Size:** 1338 bp  
**Insert Sequence:** >SC213843 3'UTR clone of NM\_001921

The sequence shown below is from the reference sequence of NM\_001921. The complete sequence of this clone may contain minor differences, such as SNPs.  
 Blue=Stop Codon Red=Cloning site

```
GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
AACAGCAGACCGAGTCAAAGCTTCAGTGAATTACATCTCATTCAATCTCCAGAAGATTGGGATTATCG
TCTTCTAAGAGGTTGCTAATGCCTTTCATCTTGAAGTTACACATAACTTCTTACTAGCCAGTATGGCAA
AAGTAGGCATCTAAAGAATATAAAGCCTCAAATCTTCTTACTGTCTCTTGTGCACATGGAATCTACA
TGTGTTTGAAGTATTGCTTTAGGGTTTAAATAGGGGAGCCTGTGGTGGCCTGGTGCACAGGGCTAGAA
CGAGAGTGCCCTCCCTTCTTGTGTCTGGCTGGCTGGGATGCTGGTGGCTCTTCCAGAGGAGCATCAGCT
GTCTGTCTGTGCGATCCGGCAGCCTCTTCACTGTCTACATGTGCTGGAAGGACAAATAAATAAT
TGTGGTTGTGTTCTAATGGGGACGAGCAGACACTGATCTGAACATCTGGCCCAAGTGAAGCATGGC
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GGGAAACCCCGAGCCACCCTCCCGGAATCCGAGATAGGGTGGCACATCTGTCTGACAGACGAGGAGTG
TAACTGAACCCAGGAATATTTCTCCATTCCTGCTCTCCCACTGCACACAGGGTGGTGGCACATTATCCC
TCTGGGGGGTGGGACGCCTGTTGTTTTGGCTCAATTTGGGTTTGTGGTGCACATGGAGCTCTTCCATT
TCGTTTAGCTGAATAATGAGTTGTTCTAGAGGAGACAGCCTGTCTCTCCTTGTGCCCCAAAGCCCA
TGCCCTGCCGTGGTGGCAGCTGGGGCTGTGGATGGGAGGGGTCCCAACATGGATGTGTTGCCCTCCT
CCGCATGCCAACGCAGTTCATGTACAAGGCCCTCTGCAACTGGAGAGAAAATTAATTCCTATCCCGTG
AGTGGATTGTGAGAAATCCACCACGTGGAGACAGCTTACTGCAGCACTGTTGGTGTTCGGAGCTCTT
CTGTGCCCTGGCTCCATGCTTTACCTACACAAGCATCACCTTCTAATCACCAGGGGGCGGGGAGCGT
GTGGCTGTGCCCTTCTTTAATCTCATTTAATTTTTATTAACATGCTCAGTACCTGTGTTGAGAAA
AGGCTTTCTTTATCCTAAAGATTATTACCTTTTTAAAGTGCTTATATTTTTCATGAGTTTTTATTTTG
TCTCTGAGATTTGTATTCCACATTCTAGGGTATTCTGTAATTTGGCTCCTTACCAATATTATTAATAAT
CTATTAATAATCTACCCTACCAAAGCA
ACGCGTAAGCGGCCGCGCATCTAGATTGAAGAAAATGACCGACCAAGCGACGCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
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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>	<u><a href="#">NM_001921.3</a></u>
<b>Summary:</b>	The protein encoded by this gene catalyzes the deamination of dCMP to dUMP, the nucleotide substrate for thymidylate synthase. The encoded protein is allosterically activated by dCTP and inhibited by dTTP, and is found as a homohexamer. This protein uses zinc as a cofactor for its activity. Two transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Jul 2008]
<b>Locus ID:</b>	1635
<b>MW:</b>	49.1