

## Product datasheet for **SC207677**

### **DTD1 (NM\_080820) Human 3' UTR Clone**

#### **Product data:**

Product Type:	3' UTR Clones
Product Name:	DTD1 (NM_080820) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	DTD1
Synonyms:	C20orf88; DTD; DUE-B; DUEB; HARS2; pqn-68
ACCN:	NM_080820
Insert Size:	2000 bp



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**Insert Sequence:** >SC207677 3'UTR clone of NM\_080820  
 The sequence shown below is from the reference sequence of NM\_080820. The complete sequence of this clone may contain minor differences, such as SNPs.  
 Blue=Stop Codon Red=Cloning site

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGGATCGCC
GGCGACGTGTCCTCTGAACGGGAGCCGTAGCTCAGGAGGCAGAATTCAGTGTGTTATCATTGGGCAGAA
CTGGATCCTGAAAAATTCAAGATGCTAAGCACCTACACTACTTTAAGAATTTGGAAGTGAACATGAAG
AGGAAGACAGAAATAAGAATTTGGGAACCTGAATAGCTCTGCAAAAAACACCAAAGGACCGTTTTATCG
TTTTCTGTTGTTGCTGTGGTGGAGTGATGCAGTGGGCACTGCCGGTGGCCAGGGGGCGGGTGGCGCATG
TGGTAGAAGGTGTGCGCTCGTGCCTCCCCACAGAAAGGCTTTGTTGGTTTCTACCACATCTTGGCTTG
CTTTTGGAACAGGCTGGCCAGCATCATTTGTCATCAAGTCCACTGTGGTGTATTCTGCGTGTCCATGG
CGGGGTTCTCCAATACACTCACACTGTCCATGTTCTTTTTATTGCCAGGGCCCGTGTGAAGTGTCAA
GAGAGCAATCATCAATGATAATGTATTGTGTGAGACCTTTGCATCTTGTAAATTTCTCTTTTTCTAA
AAATAAATAATAATAAAATCCTAAATCTCAACAAACCCTTTATTATCAAAACAAATCTGCTCTGTTTC
TGCATAACGATGATGTCCATAGAAATGCAATGCGTCTGACCTCTCTATGCGTATCTACACTTCTTTT
CACATAAGTCTCTCGCAAGAGGGCTTCTCTAACTGGCCACACAGGCTCCTGAGTCCAGGTGGGAGCC
TGCTAGCCAGTTTACAATTGATGACATGGTACTTGGAAGTGAGATGTCAGGAAAAGGGAGTGTGGGTC
AGAAGATAGTCCAGTTTCAAGATGGCCACACTGTTCTGAGACCAAGTGTGGAGCCACATCTGGTGTATC
CAGCTTTGGGAGGTGGAGGAAGGCCCTCAGCATGGCGGGTGGTGCAGATACCCTTTATCCAGTAGCTACA
TGGTTGTCCATGTATCCAAGTCAACACACCCAGCACTCTGGGAAGAAAGAATCACATTCTGCCAAAGTA
ATTTCTCAGTTAAATTTTCACTACTGTTGGTGGCACACTCAGAGTAGTCATTTTTTGGACATAGATTTAAT
AGCTTTATTTATATATCTAATAACGCTCGCATATATGCTCTCTGAAAAATTTTTTGTATATAGAAGAG
ACATCCTTAATTGTGATTTTTATAATGCTGAAACTCTGCTTCTGTGACCTCTATAATAACTTCTGAAT
CCATCTAGTCTGACCCAGTCATCTACTTCAATGATAATAAATCAGAAAAATGTTGAAAAACAAAAAGCT
CAAAACACATCTCTTGAATATAGAGTTGGAAAAGGGTCTGCCAGACTGCTTTGTTCTAAACCAATTCA
GATGGTCCAGTGAATTCACAATGGTTTAAACCTTAGATTTGAAGTATTACATCCAGATGCAGACC
CTGGCCAGCTCCCTAAGCTGTGTGGCAGTGAGGTCAGAGCTCTGCTGTTTGAGTTATCTAAGCAG
GGTTTTACAGAGTGAATTCAAATTCACCTTAAAGCTACTTGAACCTACATGTCGATAAACTCAGTTGTA
GGGTTTGGCTTGCTGGATAACTGTCATGTTTCTCCACCACAGCATTTTATTGCCACCAATTAATGCTTA
TTGAACAGTTGCAGCCTGCTTGTAGTAAGGGTAACGAGGATTGCATAGAGATACGACCTAAGGATC
ATGACATTTGGATGGTGGTAAAATGCTAAAGGCCCTTTGTTGGTCCAGCCAGTTCTGGCTCCCATTC
TAAAGGGACAGAGACATACCAGAGAGTGAGCACCATGTGGTCAAGTTGCTGAAGGGTCTGAAACCGTAA
AGGAAGAGCTGAAGGAGCTGGGGCTGTTTCATCTGGGAGGGGAACCTAAATGTTTGAAGATGTGGAA
GAGAAGCTGGGTGAGGAACAAAAATAGGAGCAATGGGTGTAAGTTGCATCAACGTAGATTCTGGCATT
ACGCGT AAGCGGCCGCGGCATCTAGATTCAAGAAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
  
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**Restriction Sites:** SgfI-MluI

**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:** [NM\\_080820.6](#)

**Summary:** The protein encoded by this gene is similar in sequence to histidyl-tRNA synthetase, which hydrolyzes D-tyrosyl-tRNA(Tyr) into D-tyrosine and free tRNA(Tyr). The encoded protein binds the DNA unwinding element and plays a role in the initiation of DNA replication. Alternative splicing results in multiple transcript variants encoding different isoforms. [provided by RefSeq, Dec 2015]

**Locus ID:** 92675

**MW:** 76.2