

## Product datasheet for **SC215274**

### **DTWD1 (NM\_001144955) Human 3' UTR Clone**

#### **Product data:**

|                           |                                         |
|---------------------------|-----------------------------------------|
| Product Type:             | 3' UTR Clones                           |
| Product Name:             | DTWD1 (NM_001144955) Human 3' UTR Clone |
| Symbol:                   | DTWD1                                   |
| Synonyms:                 | MDS009                                  |
| Mammalian Cell Selection: | Neomycin                                |
| Vector:                   | pMirTarget (PS100062)                   |
| ACCN:                     | NM_001144955                            |
| Insert Size:              | 2000 bp                                 |



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|---------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Insert Sequence:</b>   | <p>&gt;SC215274 3'UTR clone of NM_001144955</p> <p>The sequence shown below is from the reference sequence of NM_001144955. The complete sequence of this clone may contain minor differences, such as SNPs.</p> <p>Blue=Stop Codon Red=Cloning site</p> <pre> GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAGGCCAAGAAGGGCGGAAAGATCGCCGTG TAACAATTGGCAGAGCTCAGAATTCAGCGATCGCC GATAAGGAAACAGGAAAACCTACACATAGTTTTTAACAAGCCACTTATGTCTTTTTATTTTGCTAACA TTAATAAACTTATATTTGTGCTTTGTTTTTCTTAAGAAATAATCATATATAATGCCTGTAAGACCATT TGAAAAAATTCAGTTTCATATATATCACTTCATATTTCTTGAAGGAAATTGTATCTGGGGGAATTTT CAGAGATACTGTTGATTGAAAACTTACTTCAGAAGTTATTTGCTCAGTGAAACCTCAGTTTCATTACT ACATTTTAATATAGTGTATTGTCTCTGTGATTAGATATAACATATTCATTAGATCTAATTAGCTAT TTATTTCAACATCTTTATATCTTTTACCTGTACTCATGACCACCTTTAGAAGTAAATGGGGTTACAAT CTGCTGGCTGAAAAATAGGTGATAAGTGATTTTTCTTGAGGTTAGTAGCAACATAGGCAGAACTAGAA TTAGAATTCTGGTATCTAGGGCTGTTTCTTAAGTCCTAAGGTTGTTAAAGCAGAGACTCTGGAGCTA GACTACCTGAATCTAAATCTCAGCCTTTCTGCTTATCAGCCATGTCATTTCTTCCATTTGTACAAAGC AGGCAATACTGAGCAACTACCTTATAGGAATAACTGAGTTAATATCTAAGGGGCTTTGAGCAGTACCTG AAATATAGTAAGTGTACATATATGTTTACTCTTTTTATTTTATTTGGAATTGTGAAGTATAATAATT GAAGCCTACCTGCTAGTGCCATCTCTGCTGCCAGGTGAAAGAGCCTGACTTAGAATGAAGTCAGCGA AGGAAAGCAGAGTGGAGAGAAAAAGAGAGACTGAGTCCTGATGACATCATTTATTTACCTAGACCTAGC TGCTTGTAAGTAGAGCCCTACTGTGCTGAATAGCTTCTGTCTGCTCTTTCTATTCTGCTCCCTGCTCT GTGAGGTAGGTTCTTTGCTCTCTTGTCTTTGGTTGGGTTCAACAAATGGGAAGCACCAGTGGGAGATT AGAAGTTGAGAGGAAAAATGAAATGATGTTATTTATTTCCCTGGCTCTTTCCCTGCCATGTCATCATCAG TTGGCTGTGTTCTCTACTAAATAGTACCTTATCAGGAATCCTATCTTCTGTTCCCAAGCAGTTACC CCAGTTACCTCACTAGGTTTAGTTCCTGCTCCCTCCCTTTACCCCTTTTCACTTAGGGTTGGTAATAGC TTACAGTTATTACTAGCCCCAGTATAGTTCACCTACAACCTGTTGCTTTACCTAAACCCTGCTCATACAT TTGTAAATACTGTAGTTGTTTTATTACACTCTTCTCAAATGTCCCACTTGAAATAGCCTTCTATTTCT TTTGGGGACTCTGATAAATTCACCTGTTTGGGTGAAATAATAGCACATTTCTGAAGTATATACAGTGG GACACATGATGTTTTATGGGGAAAGAGTCTTGGTGAAATTAGTTTGCTGTACATTACGTTGTTTCCC TCCAGGGATTGAGAAGGCAAAACATATTAAGGTTCTGAAAAGTCTGAAATAAACATTTTGAACCTT ATTTAAGCTGATATATCTTAACTTACTGAATATGTAGCACCTATTAACATGCCATGGAATAGGACG TTTGAGTATTGTAATTAAGAACAATTCTATTAATATACATGGGCAACTGAGAATTAAGAGGTAAAG TAAATTATTGATAGATCATACACCTAGTTAGTAGCAGAGCCTGTTCTAGAATCTGGAACCTCTGATTTG GTTTGGTTCAGTAAGGTCAACATTATATTATGCTATTCATAAAAAGGAATGTGGATTATATAAGGCTTG AACATTATTAGTCTTACAGTCTTAGCCAAATAAATACTGGCTTGCTTATTTTAGCAGTTATTCTACA AGAATGGAATTAATAAGATTTTTTTTTTTCATGTTTAGAACTTGGCCCTGGGAATAGAGGAAGGCTTG ACGCGTAAGCGGCCGCGGCATCTAGATTCGAAGAAAATGACCGACCAAGCGACGCCAACCTGCCATCA CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG </pre> |
| <b>Restriction Sites:</b> | Sgfl-MluI                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| <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_001144955.2</a></u>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |

**Summary:** Catalyzes the formation of 3-(3-amino-3-carboxypropyl)uridine (acp3U) at position 20 in the D-loop of several cytoplasmic tRNAs (acp3U(20)).[UniProtKB/Swiss-Prot Function]

**Locus ID:** 56986

**MW:** 77.4