

Product datasheet for **SC106063**

DTWD1 (BC018028) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	DTWD1 (BC018028) Human Untagged Clone
Tag:	Tag Free
Symbol:	DTWD1
Synonyms:	DTW domain containing 1; MDS009; MGC111207; x 009 protein
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL4</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>NCBI ORF sequence for BC018028, the custom clone sequence may differ by one or more nucleotides

ATGTCTCTCAATCCACCTATATTTCTCAAACGAAGTGAAGAAAATAGTTCAAAATTTGTGGAAACAAAAC
AGTCACAACTACTTCCATAGCTTCAGAAGATCCCCTTCAAACCTATGTTTAGCATCTCAAGAAGTTCT
TCAAAAAGCTCAGCAAAGTGGGAGATCAAATGTCTCAAATGTGGTGGTCCAGAATGTTCTACTGCTAT
ACATGTTATGTTCCAGTTGAAAATGTACCTATTGAACAGATTCCACTTGTGAAGTTAGCCTATATCATC
TTGGCCAGTCCATGGTCTCCTCAGCATCTAAAATCACATGTATAGGCTAA



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5' Read Nucleotide Sequence:	>OriGene 5' read for BC018028 unedited CATTAGTATACGACTCCTATAGGCGGCCGCAATTCGGCACGAGGCGGAGCTGGAGACGT GTGGAGCTGTTTCGAGGACTCGCGGGTGTGCAGTGCACCTATGATATGTGTTTTAGAAATA GCCGTTAACTTTGGTTTGAATGAAGAAATGTCTCTCAATCCACCTATATTTCTCAAACGA AGTGAAGAAAATAGTTCAAAATTTGTGGAAACAAAACAGTCACAACTACTTCCATAGCT TCAGAAGATCCCCTTCAAACTTATGTTTAGCATCTCAAGAAGTTCTTCAAAAAGCTCAG CAAAGTGGGAGATCAAAATGTCTCAAATGTGGTGGTCCAGAATGTTCTACTGCTATACA TGTATATGTTCCAGTTGAAAATGTACCTATTGAACAGATTCCACTTGTGAAGCTTCCATTG AAGATTGACATCATTAAACATCCAAATGAAACAGATGGCAAAAGTACTGCTATACATGCA AAACTCTTAGCACCTGAATTTGTAAACATTTACACGTATCCGTGTATTCCAGAATATGAA GAAAAGGACCATGAAGTTGCACTCATTTTTCTGGACCTCAGTCTATCTCAATAAAAGAT ATTTCTTTTCATCTGCAAAAAGGATTCAAAATAATGTTAGAGGCAAAATGATGACCCT GACAAGCCATCTTTAAACGCAAAAGAACTGAAGAACAAGAGTTCTGTGATTTGAATGAC CAGCAGTCAAAAGGCACCACTGAAAAATTATTTTATAGATAGCACCTGGAACCAAA CAACCAAAATTTCACTGATGAGCGACTTCAAGGTTGTTACAACGTTGAGTGAAAAACAGAA AACTTGTCTTTGGCGCATCAAAAGGAAAGCCGATACTTTCCTTCTACAATGAAGCCATT ACTACTTCTGTAGACTCCCTACTGATTATTAAAGAGAATACACAGGCATATGACATCT TTATTTCTATCTTTGTACAGTGT
Restriction Sites:	NotI-NotI
ACCN:	BC018028
Insert Size:	3100 bp
OTI Disclaimer:	Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).
Components:	The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).
Reconstitution Method:	1. Centrifuge at 5,000xg for 5min. 2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA. 3. Close the tube and incubate for 10 minutes at room temperature. 4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom. 5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.
RefSeq:	BC018028.1 , AAH18028.1
RefSeq Size:	939 bp
RefSeq ORF:	939 bp
Locus ID:	56986
Cytogenetics:	15q21.2
Gene 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]