

Product datasheet for SC321727

DTWD1 (NM_020234) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Tag:	Tag Free
Symbol:	DTWD1
Synonyms:	MDS009
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC (PS100020)
E. coli Selection:	Ampicillin (100 ug/mL)

Fully Sequenced ORF: >OriGene sequence for NM_020234.3 GGACGCGTGGGTTTCGAGGACTCGCGGGTGTGCAGGGATGCGGTTTAATATTTTCATGTGA TTCCTAAAAGAATCTGAGGCTCAAGAAAAGAGGGCATCTTAATATCCTGCACTTTCAGTC ATTGAGGGCATGATCACAAAGATCAAAGCCATTTTAGGCAGTGCACCTATGATATGTGT TTTAGAAATAGCCGTTAACTTTGGTTTGAATGAAGAATGTCTCTCAATCCACCTATATT TCTCAAACGAAGTGAAGAAAATAGTTCAAATTTGTGGAAACAAAACAGTCACAACTAC TTCCATAGCTTCAGAAGATCCCCTTCAAACCTTATGTTTAGCATCTCAAGAAGTTCTTCA AAAAGCTCAGCAAAGTGGGAGATCAAAATGTCTCAAATGTGGTGGTTCCAGAATGTTCTA CTGCTATACATGTTATGTTCCAGTTGAAAATGTACCTATTGAACAGATTCCACTTGTGAA GCTTCCATTGAAGATTGACATCATTAAACATCCAAATGAAACAGATGGCAAAAGTACTGC TATACATGCAAACTCTTAGCACCTGAATTTGTAACATTTACACGTATCCGTGATTCC AGAATATGAAGAAAAGGACCATGAAGTTGCACTCATTTTTCCTGGACCTCAGTCTATCTC AATAAAAGATATTTCTTTTCATCTGCAAAAAAGGATTCAAATAATGTTAGAGGCAAAAA TGATGACCCTGACAAGCCATCTTTAAACGCAAAAGAACTGAAGAACAAGATTCTGTGA TTTGAATGACAGCAAGTGCAAAAGGCACAACACTGAAAAAATTATATTTATAGATAGCAC CTGGAACCAACAAACAAAATATTTCACTGATGAGCGACTTCAAGGGTTGTTACAAGTTGA GTTGAAACAAAGAAAACCTTGCTTTTGGCGCCATCAAAAGGAAAGCCAGATACTTTCTT TTCTACAATTGAAGCCATTTACTACTTTCTGGTAGACTACCATCTGATATATTAAGA GAAATACAGAGGGCAATATGACAATCTTTATTTTCTATTCTTTTATGTACCAAGTTGAT AAAGAATGCCAAATGCTCTGGAGATAAGGAAACAGGAAACCTTACACATTAGTTTTTAAC AAGCCACTTATGTCTTTTATTTTGCTAACATTAATAAACTTATATTTGTGCTTTGTTTT TTCTTAAGAAATAATCATAAAAAAAAAAAAAA

Restriction Sites: Please inquire

ACCN: NM_020234



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).
OTI Annotation:	This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.
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.
Note:	Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.
RefSeq:	<u>NM_020234.3, NP_064619.2</u>
RefSeq Size:	1233 bp
RefSeq ORF:	915 bp
Locus ID:	56986
UniProt ID:	<u>Q8N5C7</u>
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] Transcript Variant: This variant (1) represents the longer transcript. Sequence Note: The RefSeq transcript and protein were derived from genomic sequence to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on alignments.