

Product datasheet for MC203911

Dtwdl (NM_026981) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Tag:	Tag Free
Symbol:	Dtwdl
Synonyms:	1810033A06Rik
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)

Fully Sequenced ORF: >BC020149
CGAGAGTTGAGCGTGGTGCAGTGACCTATGATACATGCTTTAGAAACAGAATATTTTGGTTCAAAGGGA
AAATGGCTCTCAGTCCATCTGTAGTTCTCAAGAAAGTAAAGAAAGATAATGCAAACGTGTAGAAAACAAA
ACCGTCACAAACCACTTCCATTGCTTCAGAAAGACCCCTTCAAACCTTATGCTTAGCGTCTCAGGAAGTG
CTGCGTAAGGCTCAACAAAGTGGGAGGTCCCGGTGCGCCAATGTGGTGGCTCAAGGATGTTCTACTGCT
ACACATGCTGTGTCCAGTGGGAAACGTGCCACCGAGCAGATCCCATGTGTGCAGCTTCCATTGAAGAT
TGATATCATTAAAGCATCCAAATGAAACAGACGGCAAGAGCACCCTGTGCACGCAAAGCTCTTAGCGCCC
GACTCTGTGAACATTTACACATATCCGTGCATTCCGGAGTACGAAGGGAAGGATCACGAGTTGTAAGT
TTTTCTGGGCTCAGTCTATCTCAATAGAAGATGTCTTTCCATCTACAAAAAGGATTGAAAGTAA
GGGTAGAAACAAAGCTGACAACCTTGATGTGCCACCTCGAAACTCAAGAGGACTACGGACGAGGAAGGC
TGGGATCTGCATGAGAGCACACGCCAAGGCCCGAGTTGAAAAGAGTTGTCTTTATTGACGACCTGGA
GCCAGACAAACAGATCGCCTCTGATGAGCGGCTTCGGGAGTTATTACAAGTTGAACTGAGAACAAGAAA
AACTTGCTTTTGGCGCCATCAAAAAGGGAAGCCAGATACTTTCTTTCCACAATTGAAGCCATTTATTAC
TTCCTAGTAGACTACCATAGTGCCGTGCAGAAAGAGAAGTACAGAGGACAGTATGACAACCTTTTATTCT
TCTACTCTTTTATGTACCGCTTGATAAAGAATGCCAGAGGCTCTGGAGAGAAGGCTAAACCGCAGCTCGT
CCAGTAGTTCTGCACACCGCTTGTCTGGGCTCTTGCAAGTCGAGCCTTGTTTACTCCGGGGTGGTAACC
ATGTGTTATGCCCATGAGAGAACATGGGGAAGATTCCAGCCTTGTCGTTTTATTGATTTTTTAAAGG
GAATTTTGAATTTGGCAATTTTTAAGAGATGATCCTGATTGAAAGACAAATCAGAAGCTATTTGCTCAA
TTTGGGCATATCCCACTATACTGTACATTTTAATATGCTGTGTTACATTTATGTGATTGTAATTATATGT
GATTAAGAGTGTCTTTATCTTTTCACTTAAAAAAAAAAAAAAAAAAAAAAAAA

Restriction Sites:	RsrII-NotI
ACCN:	NM_026981
Insert Size:	915 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.
Note:	Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.
RefSeq:	BC020149 , AAH20149
RefSeq Size:	1312 bp
RefSeq ORF:	915 bp
Locus ID:	69185
UniProt ID:	Q9D8U7
Cytogenetics:	2 F1
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 (2) differs in the 5' UTR compared to variant 1. Variants 1 and 2 both encode the same protein.