

## Product datasheet for **MG205435**

### Wdtd1 (BC034833) Mouse Tagged ORF Clone

#### Product data:

|                           |                                                                            |
|---------------------------|----------------------------------------------------------------------------|
| Product Type:             | Expression Plasmids                                                        |
| Product Name:             | Wdtd1 (BC034833) Mouse Tagged ORF Clone                                    |
| Tag:                      | TurboGFP                                                                   |
| Symbol:                   | Wdtd1                                                                      |
| Synonyms:                 | adipose; adp; Gm695                                                        |
| Mammalian Cell Selection: | Neomycin                                                                   |
| Vector:                   | pCMV6-AC-GFP (PS100010)                                                    |
| E. coli Selection:        | Ampicillin (100 ug/mL)                                                     |
| ORF Nucleotide Sequence:  | >MG205435 representing BC034833<br>Red=Cloning site Blue=ORF Green=Tags(s) |

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGATCGCC**

ATGTCTACTAACGGGGTGTCCAACGGCGTGTGGAATGGCCTACACCTTCACAGCAACGGCTTCGGGCTGC  
 CAGAGAGCAAGGGGTGCATCAGCCCCAGGTGGAGCTGCCCCATACCTGGAGCGTGTGAAGCAGCAGGC  
 CAATGAAGCCTTCGCCTGCCAGCAGTGGACCCAGGCCATCCAGCTCTACAGCCAGGCTGTGCAGAAGGCC  
 CCGCACAAAGCTATGCTCTATGGCAACGGGCTGCCGCTACATGAAGCGCAAGTGGACGGGGACCACT  
 ATGATGCCCTCCGGGACTGCCTCAAGGCCATCTCCCTAAACCCTTGCCACCTGAAGGCACACTTCCGTCT  
 GGCCCGGTGCCTTTTGAAGTGAAGTATGTGGCCGAGGCTCTGGAGTGCCTGGATGACTTCAAAGGGAAG  
 TTCCCAGAGCAGGCCACAGCAGTGCATGTGACGATTAGGCCGGGACATCACAGCTGCCCTTTTCTCCA  
 AAAGTGATGGTGAGGAGAAGAAGGCAGCTGGTGGTGGTGGTCCAGTTTCGCTTCGAAGCACAAGTCG  
 CAAGGACTCCATCTCAGAAGACGAAATGGTGCTACGGGAACGGAGCTACGACTATCAGTTCCGCTACTGT  
 GGGCACTGCAACACCACCACGGATATCAAGGAAGCCAATTTCTTTGGCAGCAATGCTCAGTACATTGTCA  
 GCGGCTCTGATGACGGCTCCTTCTTCTATCTGGGAAAAGGAGACCACCAACCTCGTCCGAGTGTGCAGGG  
 GGATGAGTCCATTGTCAACTGCTTGACGCCCATCCAGCTACTGCTTCTGGCCACCAAGTGGCATCGAC  
 CCTGTTGTGCGACTGTGGAACCCACGACCAGAGAGTGAAGACCTCACAGGCCGAGTTGTGGAAGATATGG  
 AGGGTGATCTCAGGCCAACCAGCGGCGCATGAATGCCAACCCCTGGAGGCGATGCTGCTGGACATGGG  
 CTATCGGATCACAGGCCTGAGCAGCGGGGCGCCGGGGCCTCTGATGACGAGGACAGCGCAGAGGGCCAG  
 GTGCAGTGCCGGCCAGC

**ACGCGT**ACGCGGCCGCTCGAG - GFP Tag - GTTTAA


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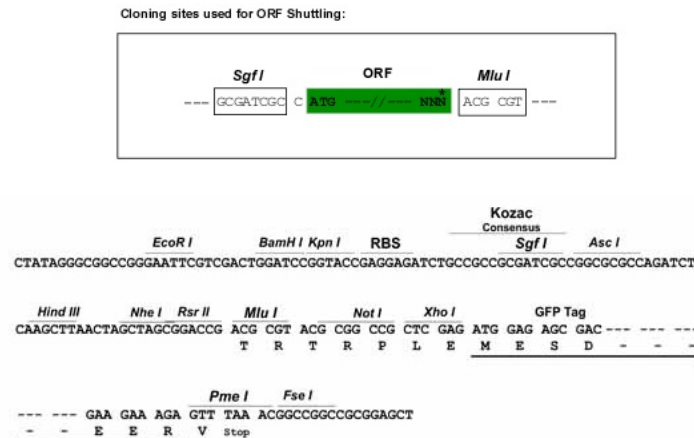
**Protein Sequence:** >MG205435 representing BC034833  
 Red=Cloning site Green=Tags(s)

MSTNGVSNGVSNGLHLHSNGFRLPESKGCISPQVELPPYLERVKQQANEAFACQQTQAIQLYSQAVQKA  
 PHNAML YGNRAAAYMKRKWDGDHYDALRDCLKAISLNPCHLKAHFLARCLFELKYVAEAECLDDFKGK  
 FPEQAHSSACDALGRDITAALFSKSDGEEKKAAGGGGPVRLRSTSRKDSISEDEMLRERSYDYQFRYC  
 GHCNTTTDIKEANFFGSNAQYIVSGSDDGSFFIWEKETTNLVRVLQGDSEIVNCLQPHPSYCFLATSGID  
 PVVRLWNPRPEEDLTGRVVEDMEGASQANQRRMNANPLEAMLLDMGYRITGLSSGGAGASDDEDSAEQG  
 VQCRPS

TRTRPLE – GFP Tag – V

**Restriction Sites:** SgfI-MluI

**Cloning Scheme:**



**ACCN:** BC034833

**ORF Size:** 1068 bp

**OTI Disclaimer:** The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. [More info](#)

**OTI Annotation:** This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.

**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:** [BC034833](#), [AAH34833](#)

**RefSeq Size:** 3096 bp

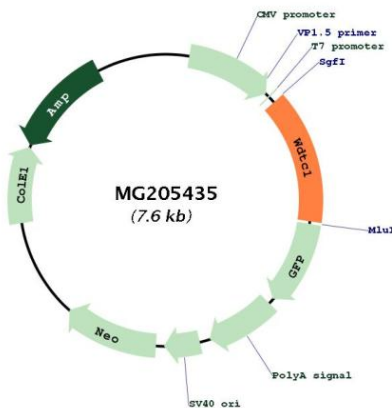
**RefSeq ORF:** 1070 bp

**Locus ID:** 230796

**Cytogenetics:** 4 D2.3

**Gene Summary:** May function as a substrate receptor for CUL4-DDB1 E3 ubiquitin-protein ligase complex. [UniProtKB/Swiss-Prot Function]

## Product images:



Circular map for MG205435