

## Product datasheet for **MR205435**

### Wdtd1 (BC034833) Mouse Tagged ORF Clone

#### Product data:

|                           |                                                                   |
|---------------------------|-------------------------------------------------------------------|
| Product Type:             | Expression Plasmids                                               |
| Product Name:             | Wdtd1 (BC034833) Mouse Tagged ORF Clone                           |
| Tag:                      | Myc-DDK                                                           |
| Symbol:                   | Wdtd1                                                             |
| Synonyms:                 | adipose; adp; Gm695                                               |
| Mammalian Cell Selection: | Neomycin                                                          |
| Vector:                   | pCMV6-Entry (PS100001)                                            |
| E. coli Selection:        | Kanamycin (25 ug/mL)                                              |
| ORF Nucleotide Sequence:  | >MR205435 ORF sequence<br>Red=Cloning site Blue=ORF Green=Tags(s) |

TTTGTAAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGATCGCC**

ATGTCTACTAACGGGGTGTCCAACGGCGTGTGGAATGGCCTACACCTTCACAGCAACGGCTTCGGGCTGC  
 CAGAGAGCAAGGGGTGCATCAGCCCCAGGTGGAGCTGCCCCATACCTGGAGCGTGTGAAGCAGCAGGC  
 CAATGAAGCCTTCGCCTGCCAGCAGTGGACCCAGGCCATCCAGCTCTACAGCCAGGCTGTGCAGAAGGCC  
 CCGCACAAAGCTATGCTCTATGGCAACCGGGCTGCCGCTACATGAAGCGCAAGTGGGACGGGGACCACT  
 ATGATGCCCTCCGGGACTGCCTCAAGGCCATCTCCCTAAACCCTTGCCACCTGAAGGCACACTTCCGTCT  
 GGCCCGGTGCCTTTTGAAGTGAAGTATGTGGCCGAGGCTCTGGAGTGCCTGGATGACTTCAAAGGGAAG  
 TTCCCAGAGCAGGCCACAGCAGTGCATGTGACGATTAGGCCGGGACATCACAGCTGCCCTTTTCTCCA  
 AAAGTGATGGTGAGGAGAAGAAGGCAGCTGGTGGTGGTGGTCCAGTTTCGCTTCGAAGCACAAGTCG  
 CAAGGACTCCATCTCAGAAGACGAAATGGTGCTACGGGAACGGAGCTACGACTATCAGTTCCGCTACTGT  
 GGGCACTGCAACACCACCACGGATATCAAGGAAGCCAATTTCTTTGGCAGCAATGCTCAGTACATTGTCA  
 GCGGCTCTGATGACGGCTCCTTCTTCTATCTGGGAAAAGGAGACCACCAACCTCGTCCGAGTGTGCAGGG  
 GGATGAGTCCATTGTCAACTGCTTGACGCCCCATCCAGCTACTGCTTCTGGCCACCAAGTGGCATCGAC  
 CCTGTTGTGCGACTGTGGAACCCACGACCAGAGAGTGAAGACCTCACAGGCCGAGTTGTGGAAGATATGG  
 AGGGTGATCTCAGGCCAACCAGCGGCGCATGAATGCCAACCCCTGGAGGCGATGCTGCTGGACATGGG  
 CTATCGGATCACAGGCCTGAGCAGCGGGGGCGCCGGGGCCTCTGATGACGAGGACAGCGCAGAGGGCCAG  
 GTGCAGTGCCGGCCAGC

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA


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**Protein Sequence:** >MR205435 protein sequence  
 Red=Cloning site Green=Tags(s)

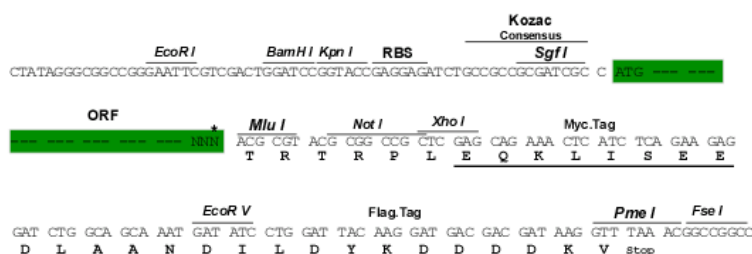
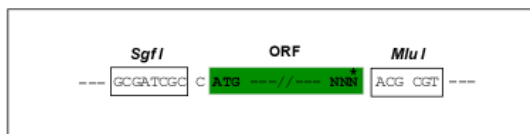
MSTNGVSNVSNGLHLHSNGFRLPESKGCISQVQLPPYLERVKQQAEEAFACQQTQAIQLYSQAVQKA  
 PHNAML YGNRAAAYMKRWGDGDHYDALRDCLKAISLNPCHLKAHFRLARCLFELKYVAEAECLDDFKGK  
 FPEQAHSACDALGRDITAALF5KSDGEEKKAAGGGGGPVRLRSTRKDSISEDEMLRERSYDYQFRYC  
 GHCNTTTDIKEANFFGSNAQYIVSGSDDSGFFIWEKETTNLVRVLQGDSEIVNCLQPHPSYCFLATSGID  
 PVVRLWNP RPSEDL TGRVVEDMEGASQANQRRMNANPLEAMLLDMGYRITGLSSGGAGASDDEDSAEQG  
 VVCRRL

TRTRPLEOKLISEEDLAANDILDYKDDDDKV

Restriction Sites: Sgfl-MluI

### Cloning Scheme:

Cloning sites used for ORF Shuttling:



\* The last codon before the Stop codon of the ORF

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

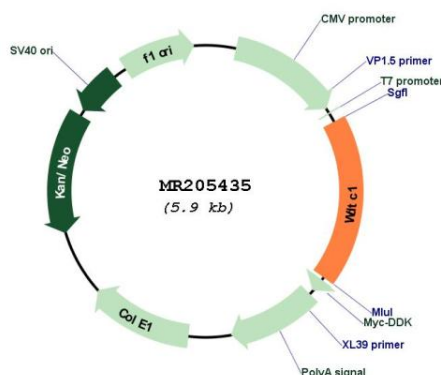
**Locus ID:** 230796

**Cytogenetics:** 4 D2.3

**MW:** 39.3 kDa

**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 MR205435