

Product datasheet for **RG234700**

WDTC1 (NM_001276252) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	WDTC1 (NM_001276252) Human Tagged ORF Clone
Tag:	TurboGFP
Symbol:	WDTC1
Synonyms:	ADP; DCAF9
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)



[View online »](#)

**ORF Nucleotide
Sequence:**

>RG234700 representing NM_001276252
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGC**

ATGGCGAAAGTCAACATAACTAGAGACCTCATCCGTAGGCAGATCAAGGAGCGGGGTGCCCTGAGCTTTG
 AGCGGCGCTACCATGTCACTGACCCCTTTATCCGGCGGCTGGGCCTGGAAGCAGAGCTGCAGGGTCACTC
 AGGATGTGTCAACTGTCTGGAGTGAATGAGAAAGGAGACTTGCTGGCCTCTGGTCCGATGACCAGCAC
 ACGATTGTGTGGGACCCGCTGCACCACAAGAAGCTGCTCTCCATGCACACGGGACACACCGCAAATATCT
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 TGTGCACGACCTGACAGTAAAGGAGACCATCCACATGTTTGAGACCACACAAACCGGTGAAGCGCATC
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 TTCGAGAGAACAGCAAACACTCGGAGGTGCTGATTGACCTGACAGAGTACTGTGGCCAGCTGGTGGAGGC
 CAAGTGCCTCACTGTCAACCCCCAGGACAACAAGTGCCTGGCAGTTGGGGCCAGCGGGCCCTTCGTGAGG
 CTCTATGACATCCGCATGATCCATAAACCACAGAAAGAGCATGAAGCAGAGCCCTTCAGCGGGTGTGCACA
 CCTTCTGTGACCGGCAGAAACCCCTCCGGACGGTGCAGCCAGTATTACGTAGCAGGTACCTGCCAGT
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 CACGGATATCAAAGAGGCCAATTTCTTTGGCAGCAACGCTCAGTATATCGTCAGTGGCTCTGACGATGGC
 TCCTTCTTCATCTGGGAAAAGGAGACCACCAACCTGGTCCGTGTGCTCCAAGGGGATGAGTCCATTGTCA
 ACTGCCTGCAGCCACACCCAGCTACTGCTTCCTGGCCACCAAGTGGCATCGATCCTGTTGTGCGGCTCTG
 GAACCCCCGACCAGAGAGTGAAGACCTCACAGGCCGAGTCTGGAAGATATGGAGGGTGTTCACAGGCC
 AACCAGCGGCGCATGAATGCAGACCCGTTGGAGGTGATGCTGCTCAACATGGGCTACCGGATCACGGGCC
 TGAGCAGTGGGGGTGCCGGGCCCTGATGATGAGGACAGCTCTGAGGGCCAGGTGCAGTGCCGGCCAG
 C

ACGCGTACGCGGCGGCTCGAG – GFP Tag – GTTTAA

Protein Sequence: >RG234700 representing NM_001276252
 Red=Cloning site Green=Tags(s)

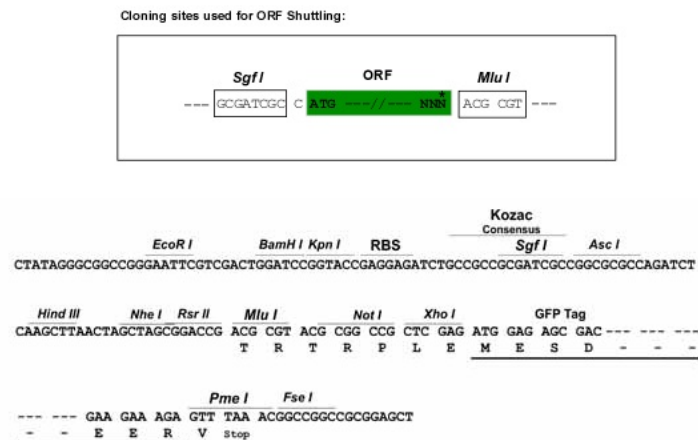
MAKVNITRDLIRRQIKERGALSFERRYHVTDPFIRRLGLEAELQHGSGVCNLEWNEKGDLLASGSDDQH
 TIVWDP LHHKLLSMHTGHTANIFSVKFLPHAGDRILITGAADSKVHVHDLTVKETIHMFGDHTNRVKRI
 ATAPMWPNTFWAAEDGLIRQYDLRENSKHSEVLIDLTEYCGQLVEAKCLTVNPQDNNCLAVGASGPFVR
 LYDIRMIHNHRKSMKQSPSAGVHTFCDRQKPLPDGAAQYVYVAGHLPVKLPDYNRLRVLVATYVTFSPNG
 TELLVNMGGEQVYLFDLTYKQRPYTFLLPRKCHSSGEVQNGKMSNNGVSNGLHLHNSNGFRLPESRG
 HVSPQVELPPYLERVKQQANEAFACQQTQAIQLYSKAVQRAHPNAMLYGNRAAAYMKRWGDGDHYDALR
 DCLKAISLNPCHLKAHFRLARCLFELKYVAEALECLDDFKGKFPEQAHSSACDALGRDITAALFSKNDGE
 EKKGGPGGAPVRLRSTSRKDSISEDEMLRERSYDYQFRYCGHCNTTTDIKEANFFGSNAQYIVSGSDDG
 SFFIWEKETTNLVRVLQGDSEIVNCLQPHPSYCFLATSGIDPVVRLWNPRPESEDLTGRVVEDMEGASQA
 NQRRMNADPLEVMLLNMGYRITGLSSGGAGASDDEDSSEGQVQCRPS

TRTRPLE - GFP Tag - V

Restriction Sites:

SgfI-MluI

Cloning Scheme:



ACCN: NM_001276252

ORF Size: 2031 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.

RefSeq: [NM_001276252.2](#)

RefSeq Size: 4819 bp

RefSeq ORF: 2034 bp

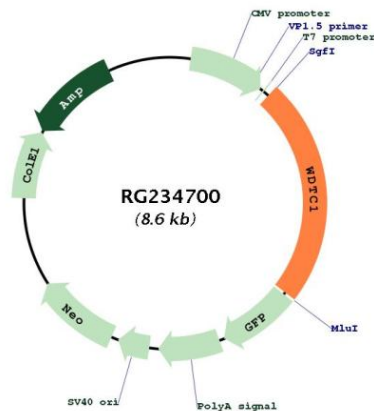
Locus ID: 23038

UniProt ID: [Q8N5D0](#)

Cytogenetics: 1p36.11

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 RG234700