

## Product datasheet for **RG237117**

### WDR86 (NM\_001284261) Human Tagged ORF Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	WDR86 (NM_001284261) Human Tagged ORF Clone
Tag:	TurboGFP
Symbol:	WDR86
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)
ORF Nucleotide Sequence:	>RG237117 representing NM_001284261. Blue=ORF Red=Cloning site Green=Tag(s)

```
GCTCGTTTAGTGAACCGTCAGAATTTTGTAAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
ATGTCCCGGGAGTTCCGGGGCCACCGAACTGCGTGCTGACCCTAGCCTACTCTGCCCCGTGGGACCTC
CCCAGCACTCCCTGCGCGGAGGAGGCCGCGGGGGGGCTTCTGGTGACCGGCAGCACAGATGGCACA
GCCAAGGTGTGGCAGGTGGCCAGCGGCTGCTGCCACCAGACGCTGCGGGGCCACACGGGTGCAGTGCTG
TGCCTAGTGCTAGACACGCCCGGCCACACGGCCTTACAGGCAGCACCGACGCCACCATCCGTGCCTGG
GACATCCTGAGTGGGGAGCAGCTGCGGGTGTCCGGGAGCACCGGGCTCCGTATCTGTCTGGAGTGT
TCACGGGCAGCGGGACGCTTGCGCCGGGCCTTCGACGCGCAGTCTGGAGAGCTGCGGAGGGTGTCC
GGGGCCACACATTCATCATCAACTGCATCCAGGTGCACGCCAGGTGCTCTACACCGCCTCGCACGACG
GCGCCCTGCGCCTCTGGACGTGCGCGGGCTCCGAGGTGCCCGCGGCCCCCTCCGCCATGCGCAGCC
TCTCGCGGCTCTTCAACAAGGTGGGCTGCGCCGCGCGCCCTGCAGCCGGCCTGATCCCGCGGGG
CCCCTGCAGACGCCAGCCAGACACCCAGCGGCTCCCAGAGCGCCCCGCCCTGCTACCCGCGGTGGTGG
CGCCCGATGGCCGCGAGGGGCGAGGAGCGAGGAAGCCCGGGCGGGAGGAGGCCGTGCGAGGCGTCT
GGTTTTCTTTGGTGGCCAGGAGCGCTGGGAGCGGGAGTGTGCGCCTGGGGACCGCCCCCTTTCCC
TTT
ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAAAC
```



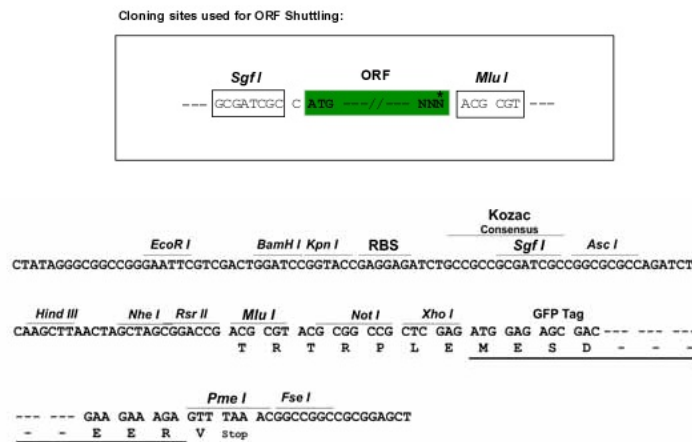
[View online »](#)

**Protein Sequence:** >Peptide sequence encoded by RG237117  
 Blue=ORF Red=Cloning site Green=Tag(s)

MSREFRGRHRCVLT LAYSAPWDL PSTPCAEEAAAGLL VTGSTDGTAKVWQV ASGCCHQTLRGHTGAVL  
 CLVLDTPGHTAFTGSTDATIRAWDILSGEQLRVFREHRGSVICLECSRAAGTLAPGPSTRSLESCGGCS  
 GATHSSSTASRCTARCSTPPRTTAPCASGTCAGSEVPRGPLRPCAASRGSSATRWAAPRPCSRDPAG  
 PLQTPAQTPSGSQSAPPCYPWRWRPMAGEGRGARKPGREESPSQASGFLVARRRWERECSPWGPFPF  
 F  
 TRTRPLEMESDESGLPAMEIECRITGTLNGVEFELVGGEGTPEQGRMTNKMKSTKGALTFSPYLLSHV  
 MGYGFYHFGTYPSTYENPFLHAINNGGYNTRIEKYEDGGVLHVSFSYRYEAGRVIGDFKVMGTGFPED  
 SVIFTDKIIRS NATVEHLHPMGDNDLDGSFTRTFSLRDGGYSSVVD SHMHFKSAIHPSILQNGGPMFA  
 FRRVEEDHSNTELGIVEYQHAFKTPDADAGEERV

**Restriction Sites:** SgfI-MluI

**Cloning Scheme:**



**ACCN:** NM\_001284261

**ORF Size:** 831 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.

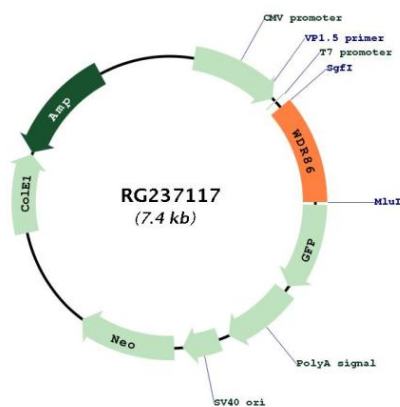
**Components:** The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).

**RefSeq:** [NM\\_001284261.2](#)

**RefSeq Size:** 1421 bp

RefSeq ORF: 834 bp  
 Locus ID: 349136  
 UniProt ID: [Q86TI4](#)  
 Cytogenetics: 7q36.1  
 MW: 29.5 kDa

**Product images:**



Circular map for RG237117