

## Product datasheet for **RG200077**

### WDR12 (NM\_018256) Human Tagged ORF Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	WDR12 (NM_018256) Human Tagged ORF Clone
Tag:	TurboGFP
Symbol:	WDR12
Synonyms:	YTM1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)
ORF Nucleotide Sequence:	>RG200077 representing NM_018256 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGGCTCAGCTCCAAACACGCTTCTACACTGATAACAAGAAATATGCCGTAGATGATGTTCCCTTCTCAA  
TCCCTGCTGCCTCTGAAATTGCCGACCTTAGTAACATCATCAATAAACTACTAAAGGACAAAAATGAGTT  
CCACAAACATGTGGAGTTTGATTTCTTATTAAGGGCCAGTTTCTGCGAATGCCCTTGGACAAACACATG  
GAAATGGAGAACATCTCATCAGAAGAAGTTGTGGAATAGAATACGTGGAGAAGTATACTGCACCCACG  
CAGAGCAATGCATGTTCCATGATGACTGGATCAGTTCAATTAAGGGCCAGAGGAATGGATCTTGACTGG  
TTCTTATGATAAGACTTCTCGGATCTGGTCTTGGAAAGGAAAGTCAATAATGACAATTGTGGGACATACG  
GATGTTGTAAAAGATGTGGCCTGGTGAAAAAGATAGTTTGTCTGCTTATTATTGAGTGCTTCTATGG  
ATCAGACTATTCTTATGGGAGTGGAATGTAGAGAGAAACAAAGTAAAAGCCCTACACTGCTGTAGAGG  
TCATGCTGGAAGTGTAGATTCTATAGCTGTTGATGGCTCAGGAATAAATTTGCAGTGGCTCCTGGGAT  
AAGATGCTAAAGATCTGGTCTACAGTCCCTACAGATGAAGAAGATGAAATGGAGGAGTCCACAAATCGAC  
CAAGAAAGAAACAGAAGACAGAACAGTTGGGACTAACAAAGGACTCCCATAGTGACCCTCTCTGGCCACAT  
GGAGGCAGTTTCCCTCAGTTCTGTGGTCAGATGCTGAAGAAATCTGCAGTGCATCTTGGGACCATAACAAT  
AGAGTGGGATGTTGAGTCTGGCAGTCTTAAGTCAACTTTGACAGGAAATAAGTGTTTAATTGTATTT  
CCTATTCTCCACTTTGTAACGTTTAGCATCTGGAAGCACAGATAGGCATATCAGACTGTGGGATCCCCG  
AACTAAAGATGGTTCTTTGGTGTGCTGTCCCTAACGTACATACTGGTTGGGTGACATCAGTAAAATGG  
TCTCTACCCATGAACAGCAGCTGATTTAGGATCTTTAGATAACATTGTTAAGCTGTGGGATACAAGAA  
GTTGTAAGGCTCCTCTATGATCTGGCTGCTCATGAAGACAAAGTTCTGAGTGTAGACTGGACAGACAC  
AGGGCTACTTCTGAGTGGAGGAGCAGACAATAAATTGTATTCTACAGATATTCACCTACCCTCCCAT  
GTTGGGGCA

**ACGCGT**ACGCGGCCGCTCGAG - GFP Tag - GTTTAA



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**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\\_018256.4](#)

**RefSeq Size:** 1720 bp

**RefSeq ORF:** 1272 bp

**Locus ID:** 55759

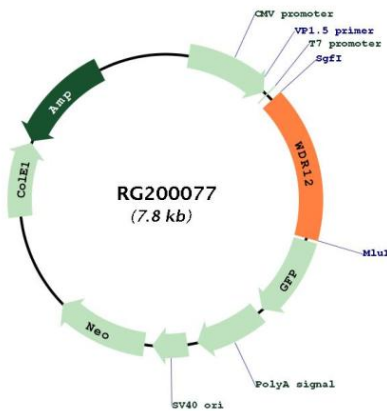
**UniProt ID:** [Q9GZL7](#)

**Cytogenetics:** 2q33.2

**Domains:** WD40

**Gene Summary:** This gene encodes a member of the WD repeat protein family. WD repeats are minimally conserved regions of approximately 40 amino acids typically bracketed by gly-his and trp-asp (GH-WD), which may facilitate formation of heterotrimeric or multiprotein complexes. Members of this family are involved in a variety of cellular processes, including cell cycle progression, signal transduction, apoptosis, and gene regulation. This protein is highly similar to the mouse WD repeat domain 12 protein at the amino acid level. The protein encoded by this gene is a component of a nucleolar protein complex that affects maturation of the large ribosomal subunit.[provided by RefSeq, Dec 2008]

## Product images:



Circular map for RG200077