

## Product datasheet for **RG208985**

### WDR92 (NM\_138458) Human Tagged ORF Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	WDR92 (NM_138458) Human Tagged ORF Clone
Tag:	TurboGFP
Symbol:	WDR92
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)
ORF Nucleotide Sequence:	>RG208985 representing NM_138458 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGTCGGCCTTCGAGAAGCCTCAGATCATCGCCCATATCCAGAAGGGCTTCAACTACACGGTGTGGACT  
GTAAGTGGGTGCCCTGCAGCGCCAAATTTGTGACCATGGGCAACTTCGCACGGGGCACCGCGTCATTCA  
GCTGTACGAGATCCAGCACGGGGACCTGAAGCTGCTTCGGGAGATTGAAAAGGCCAAACCTATTAATGT  
GGAACATTTGGTGAACATCTTTACAGCAGAGATATTTAGCTACTGGAGATTTTGGTGGAAACCTTCATA  
TATGGAATTTAGAAGCTCCAGAGATGCCAGTATATTCTGTAAGGGCCATAAAGAAATTAATAATGCCAT  
AGATGGCATAGGTGGACTAGGAATTGGAGAAGGAGCACCTGAAATTTGTGACTGGCAGCCGAGATGGAAT  
GTGAAGGTGTGGGACCCAAGGCAAAAAGATGATCCTGTTGCTAATATGGAACCTGTACAAGGAGAAAACA  
AGAGAGACTGTTGGACTGTGGCATTGGCAATGCTTATAATCAAGAAGAACGTGTTGTTTGTGCTGGCTA  
TGACAATGGGGATATCAAATAATTTGATCTCAGAAATATGGCATTACGGTGGGAGACAAACATCAAAAAT  
GGGGTGTGTAGCTTGGAGTTTGACAGAAAAGACATAAGTATGAATAAGTTAGTAGCCACATCTCTGGAAG  
GAAAGTCCATGTTTTGACATGAGAACACAGCATCCAACCAAAGTTTTGCCTCTGTTTCAGAAAAGGC  
TCATAAATCTACTGTGTGGCAGGTCGACACCTGCCGAGAACAGGGAGCTTTTCTGACAGCTGGAGGC  
GCCGGCGCCTTCACCTCTGGAAGTATGAATACCTATTCAGCGGTCAAAGAAAGATTCTGAGGGAATAG  
AAATGGGAGTCGAGGTTCTGTAAGCCTTCTGCAGAATGTTACGTTGTCCACCCAGCCCATTTCAAGTTT  
GGATTGGAGTCCAGATAAAGGGTCTCTGCGTCTGTAGTTTCATTTGACCAAACGGTGAGAGTACTGATC  
GTTACAAAGCTCAATAAAATT

**ACGCGT**ACGCGGCCGCTCGAG - GFP Tag - GTTTAA



[View online »](#)

**Protein Sequence:** >RG208985 representing NM\_138458  
 Red=Cloning site Green=Tags(s)

MSAFEKPKIIAHIQKGFNYTVFDCKWVPCSAKFVTMGNFARGTGVIQLYEIQHGDLKLLREIEKAKPIKC  
 GTFGATSLQQRYLATGDFGGNLHIWNLEAPEMPVYSVKGHKEIINAIDGIGGLGIGEGAPEIVTGSRDGT  
 VKVWDPKQKDDPVANMEPVQGENKRDWCWVAFGNAYNQEERVVCCAGYDNGDIKLFDLRNMALRWETNIKN  
 GVCSELEFDRKDISMNKLVATSLEGFHVFDMRTQHPTKGFASVSEKAHKSTVWQVRHLPQNRELFLLTAGG  
 AGGLHLWKYEYPIQRSKKDESEIEMGVAGSVLLQNVTLSTQPISSLDWSPDKRGLCVCSFDDQTVRVLII  
 VTKLNKI

TRTRPLE – GFP Tag – V

**Restriction Sites:** SgfI-MluI

**Cloning Scheme:**

Cloning sites used for ORF Shuttling:



**ACCN:** NM\_138458

**ORF Size:** 1071 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\\_138458.4](#)

**RefSeq Size:** 2244 bp

**RefSeq ORF:** 1074 bp

**Locus ID:** 116143

**UniProt ID:** [Q96MX6](#)

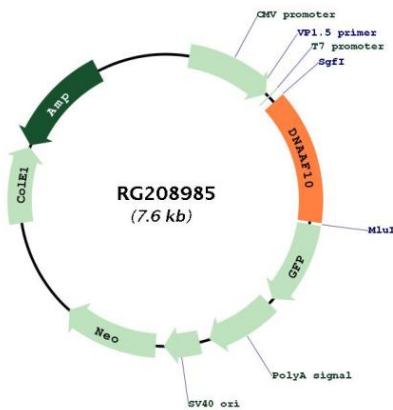
**Cytogenetics:** 2p14

**Domains:** WD40

**Protein Families:** Druggable Genome

**Gene Summary:** This gene encodes a protein with two WD40 repeat domains thought to be involved in an apoptosis via activation of caspase-3. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Feb 2012]

### Product images:



Circular map for RG208985