

Product datasheet for **MG211187**

Wdr47 (BC040337) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Wdr47 (BC040337) Mouse Tagged ORF Clone
Tag:	TurboGFP
Symbol:	Wdr47
Synonyms:	1810073M12Rik; AA552998; mKIAA0893
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)



[View online »](#)

**ORF Nucleotide
Sequence:**

>MG211187 representing BC040337
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGACTGCTGAAGAAACGGTGAATGTGAAAGAGGTTGAGATCATTAAAGCTGATTTTGGACTTCTTGAATT
 CAAAGAAGCTTCACATTAGTATGCTGGCGCTGGAGAAGGAAAGTGGAGTCATAAATGGCCTGTTTTCAGA
 TGATATGCTCTTCTGAGGCAGCTGATCCTGGATGGCCAATGGGATGAAGTTCTTCAGTTCATTCAGCCT
 CTAGAATGTATGGAGAAATTTGACAAAAAAGGTTTCGTTATATTATCCTGAAGCAGAAGTTTCTAGAAG
 CTTTGTGTGTTAAACAATGCAATGTCTGCAGAAGATGAGCCCCAGCATTGGAAATTTACCATGCAGGAAGC
 GGTGCAGTGTCTGCATGCTCTGGAGGAGTACTGCCCTTCTAAAGACGATTACAGCAAGCTATGTCTGCTC
 CTCACCTTGCCCTCGTTTGACCAATCACGCTGAGTTTAAGGACTGGAATCCAGCACTGCACGAGTTCAGT
 GCTTTGAAGAGGCTGTGTGCATGGTTCAGAGTTCATTCTGCTGACAGGAAGCTAAGTGAAGGCTGGTTT
 TAAAGCAAGTAACAATCGCTTATCCAGCTCGTAATGAAGGGCCTACTTTATGAATGCTGCGTAGAATTT
 TGTGAGAGTAAGCAACTGGTGAAGAAATTACAGAAAGTGAAGTCTTCTTGGCATCGACCTGTTATGTG
 GCAACGGTTGTGACGATTTAGATCTAAGTTTATTGTCTTGGCTTCAGAATCTCCCTTCTTCAGTCTTTTC
 TTGTGCATTTGAACAGAAAAATGCTTAATATTATGTTGACAACTTCTGAAGCCTACAAAAGCTGCATAT
 GCTGATCTGTTGACTCCTCTTATCAGCAAACTGTCTCCCTACCCTTCATCTCCAATGAGAAGACCTCAGT
 CAGCTGATGCCTATATGACTCGCTCTCTCAATCCTGCTTTGGATGGCCTCACATGTGGGTTAACCAGTCA
 TGATAAGAGGATCTCAGATCTTGGGAACAAAACCTTCTCCAATGTCACACTCCTTTGCTAACTTCCACTAT
 CCAGGGGTACAGAACCTCAGCAGAAGTCTCATGCTTGAGAATACAGAGTGTACAGCATCTATGAAGAAT
 CTCCTGAGCGAAGTGATACGCCCTGTTGAGGCCAGCAGCCTGTGAGCAGTGAAGCCATGTGCCAGGGGTC
 AGGGTTAGAAAAAGAGCCTGCAAAATGGAGCAGAGAACCCAGTTCCAGCTAAACAAGAAAAAATGAGCTT
 CGAGATTCCACTGAACAATTTAGGAATATTACAGGCAAGAGTGCCTACCAGCAGCACCTAGAACAGA
 AGGAGCAACAGCGGCAGATATACCAGCAGATGTTACTTGAAGGAGGCGTGAACCAAGAGGATGGTCTGA
 TCAGCAGCAGAACTTACTGAACAATTCCTTAATAGGTCTATTGAGAAGCTTGGCGAATTAATATTGGG
 ATGGATAGTCTTGGTAATGAGGTGCCAGTGTCAACCAGCAATGCAGCGGGAGCAAAAACATGGATCAA
 ATAATTCCTCTGTGACTAGTTTTCAGTACACCACCCCAAGATTCCAGTCAGAGGTTAATACATGATACTGC
 CAATATTCACACAAGCACTCCTCGTAATCCTGGATCAACGAATCACATCCCTTTTCATGAAGACTCACCT
 TGTGGAAGCCAGAACTCATCAGAACATTCTGTCATTAAGCCATCACCTGGAGATTCTTCAGGGAATCTAT
 CAAGGTCAAAAGGGGAAGAGGATGACAAGTCAAAAAGCAGTTTGTGTTGTTAATACCCTAGAAGACAC
 ACAGGCTGTTAGAGCCGTGGCATTTCATCCAAGTGGTAGTTTATATGCTGTTGGTTCAAATTCAAAAACT
 CTGAGAGTGTGTGCCTATCCAGAAAAATGGATGCAAGTGCACACGACAATCCTAAGCAGCCAGTGGTGC
 GATTTAAAGAAACAAACATCATAAAGGATCTATTTATTGTGTGGCTTGGAGTCCGTGTGGACAGTTGTT
 AGCAACAGGATCAAAATGACAAATATGTAAGTGTCTGCCCTTCAATGCAGAGACTTGAATGCAACAGGA
 CCAGATCTGGAATTTAGCATGCATGATGGGACAATTCGAGATTTGGCATTATGGAAGGCCAGAAAGTG
 GTGGAGCTATTTAATAAGTGTGGAGCAGGAGATTGTAACATTTATACAACAGACTGTCAAAGAGGACA
 GGGTCTTCATGCTTTGAGTGGACACACTGGGCACATTTTAGCACTTTATACCTGGAGTGGTGGATGATT
 GCGTCTGGTTCCAGGATAAGACTGTTAGATTCTGGGATCTTCGTGTACCAAGCTGTGTTGTTGGTTG
 GCACAACATTCATGGAAGTGGCAGTGCAGTGGCATCTGTGGCTGTGGACCCAGTGGCCGTCTCTTAGC
 TACAGGTCAAGGAGGACTTAGCTGCATGCTGTACGACATAAGAGGAGGCAGAATGGTCCAGAGTTACCAC
 CCTCACTCCAGTGACGTTGCTCTGTTGCTTCTCTCTGGAGCTCACTATCTGCTGACAGGCTCTTACG
 ATATGAAAATAAAGGTGACAGACCTGCAAGGGGACCTACCAAGCAGCTTCTCTCATGGTGGTGGGGGA
 GCACAAGGACAAGGTGATCCAGTGCAGATGGCACACCCAGGATCTCTCTCTCATCCTCTGCAGAC
 AGAACTGTGACCCTCTGGACTTACAGTGGC

ACGCGTACGCGGCCGCTCGAG – GFP Tag – GTTTAA

Protein Sequence: >MG211187 representing BC040337
Red=Cloning site Green=Tags(s)

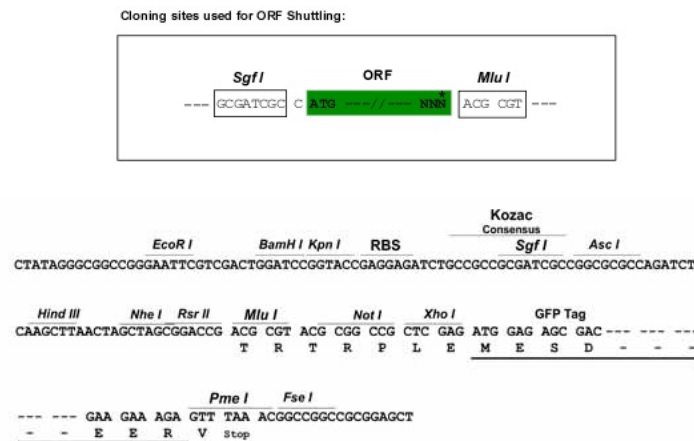
MTAETVNVKEVEIIKLILDFLNSKKLHISMLALEKESGVINGLFSDDMLFLRQLILDGQWDEVLFQFIQP
LECMKFDDKKFRFYIILKQKFLEALCVNNAMSAEDEPQHLEFTMQEAVQCLHALECYCPKDDYSKLCCLL
LTLPRLTNHAEFKDNWPSTARVHCFEVCMVAEFIPADRKLSEAGFKASNNRLFQLVMKGLLYECCVEF
CQSKATGEEITESEVLLGIDLLCGNGCDDLSDLSSWLQNLPSVFSFAFEQKMLNIHVDKLLKPTKAAAY
ADLLTPLISKLSPPSPSPMRRPQSADAYMTRSLNPALDGLTCGLTSHDKRISDLGNKTSPPMSHSFANFHY
PGVQNLRSRLMLENTECHSIYEESEPSRSDTPVEAQQPVSEAMCQSGLEKEPANGAQNVPVPAKQEKNE
RDSTEQFQEYYRQRLRYQQHLEQKEQQRQIYQQMLLEGGVNQEDGPDQQNLTEQFLNRSIQKLGE
LNIGMDSLGNVPVLNQCCSGSKNNGSNSSVTSFSTPPQDSSQRLIHDANIHTSTPRNPGSTNHIPFHEDSP
CGSQNSSEHSVIKPSPGDSSGNLSRSKGEEDDKSKKQFVCINTLEDTQAVRAVAFHPSGSLYAVGSNSKT
LRVCAYPEKMDASAHNPKQPVVRFKRNKHHKGSICYVAWSPCGQLLATGSNDKYVKVLPFNAETCNATG
PDLEFSMHDGTIRDLAFMEGPESGGAILISAGAGDCNIYTTDCQRGQGLHALSGHTGHILALYTWSG
WMIASGSQDKTVRFWDLRVPSCVRVGTTFHGTGSASVAVDPSSGRLLATGQEDSSCMLYDIRGGRMVQSYH
PHSSDVRSVRSPGAHYLLTGSYDMKIKVTDLQGDLTQQLPLMVVGEHKDKVIQCRWHTQDLSFLSSAD
RTVTWLWTYSG

TRTRPLE - GFP Tag - V

Restriction Sites:

SgfI-MluI

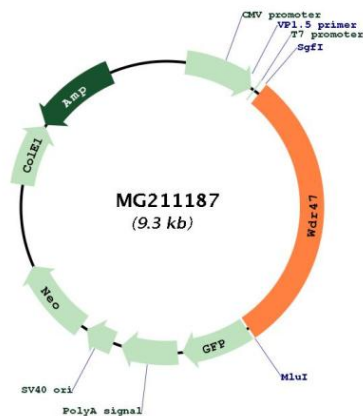
Cloning Scheme:



ACCN: BC040337

ORF Size:	2762 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:	<u>BC040337</u> , <u>AAH40337</u>
RefSeq Size:	4096 bp
RefSeq ORF:	2762 bp
Locus ID:	99512
Cytogenetics:	3 F3

Product images:



Circular map for MG211187