

Product datasheet for **MG214330**

Wdr86 (NM_001081441) Mouse Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: Wdr86 (NM_001081441) Mouse Tagged ORF Clone
Tag: TurboGFP
Symbol: Wdr86
Synonyms: 2810046M22Rik; BC059069
Mammalian Cell Selection: Neomycin
Vector: pCMV6-AC-GFP (PS100010)
E. coli Selection: Ampicillin (100 ug/mL)
ORF Nucleotide Sequence: >MG214330 representing NM_001081441
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCCGATCGCC

ATGGGGAGCAGCGGGTCGGCTCTGAGGGTCTGTGCGGACCACCGCGGGGCATCAACTGGCTGAGCCTGA
 GCCCCGACGGGCAGCGCCTGCTGACGGGACGAGGACGGCACAGCCCGCCTCTGGAGCACCGTGGACGG
 CCAGTGTGCGCGCTCCTCAAGGACATGAGAGCTATGTGACCTTCTGTACCTGGAGGATGAAGCTGCC
 TTCACCTGTAGTGTGACTGCACCATCCGAGGTGGGATGTGAGGACGGGCAGTGTCTGCAGGTGTACA
 GAGGACACACATCCATTGTGAACAGGATCCTAGTTGCCAATGACCAGCTTTCAGCAGTTCCTATGATCG
 GACAGCTCGTGTGTGGACTGTGGACAAAGGGCAAGTGTCCAAGAGTTCGGGGCCACCGTAAGTGTGTA
 CTGACACTAGCCTACTCTGCTCCCGAGGACCTGCCCAAGATCCCTGCATGGAGGAGCCATGGGTGGT
 GGCTCCTAGTGTGAGTGGCAGCTCAGATGACACAGCCAAAGTGTGGCAGGTAGCCAGTGGCTGCTGCCACCA
 GACTCTTCGGGGCCACACAGGTTCAGTGTGTGCTGGTGTGATGTCCAGCCACACAGCCTTACACA
 GGCAGCACTGATGCCACCGTTCGCGCTTGGGACATCCTGAGTGGGAGCAGTGCAGATTTTCGGGAGC
 ACCAGGGCTCTGTATCTGTTTGGAGCTCACAGATCGGCTCCTGTACTCGGGCAGTGCAGGACAGAACTGT
 CAAGTGTGGCTAGCTGATACTGGGAGAGGGTGTACACCTTTCCAGCACATAGACACAGCGTGAAGTGC
 CTCAAGTACCACGAGGACCTTGTTCACAGGACGTGGGATGCCTGCGCCCGGGCTTTGATGCCAGT
 CAGGAGTGTGCAGAGGGTGTCCGAGGCCACACCTTTGTCATCAACTGTCTCCAGGTGCAGGCCAGGT
 GCTCTACACAGCTTCTCATGATGGTGTCTGCGCCTCTGGGACGTACGTGGTCTCCAGTCCGTGCCACCT
 TTGCCACGAGGCCAGCAGCCAAGCGTAGCCTCTCACGCCTTTTAGCAACAAGTGGCCTGTGCAGCCC
 CAGTGCCCTACAGCCAGCC

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA



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Protein Sequence: >MG214330 representing NM_001081441
 Red=Cloning site Green=Tags(s)

MGSSGSALRVCADHRGGINWLSPDGQRLLTGSEDTARLWSTVDGQCCALLQGHE SYVTFCHLEDEAA
 FTCSADCTIRRWDVRTGQCLQVYRGHTSIVNRILVANDQLFSSSYDRTARVWTVDKGQVSEQEFRGHRNCV
 LTLAYSAPEDLPQDPCMEAMGGGLLVGTSSDDTAKVWQVASGCCHQTLRGHTGAVLCLVLHVSSHTAFT
 GSTDATVRAWDILSGEQLRVFREHQGSVICLELTDRLLYSGSADRTVKCWLADTGERVLTFPAHRHSVSA
 LKYHAGTLFTGSGDACARAFDAQSGVLQRVFRGHTFVINCLQVHGQVLYTASHDGALRLWDVYRGLQSVPP
 LPRRPAAKRSLSRLF SNKVACAAPVPLQPA

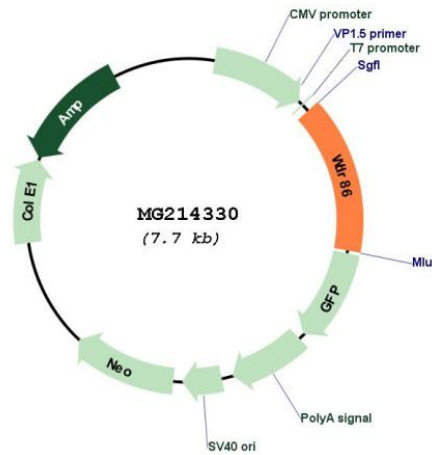
TRTRPLE - GFP Tag - V

Restriction Sites: SgfI-MluI

Cloning Scheme:



Plasmid Map:



ACCN: NM_001081441

ORF Size:	1140 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:	<ol style="list-style-type: none">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_001081441.1 , NP_001074910.1
RefSeq Size:	1805 bp
RefSeq ORF:	1143 bp
Locus ID:	269633
Cytogenetics:	5 A3