

Product datasheet for **MG205445**

Wdr92 (NM_178909) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Wdr92 (NM_178909) Mouse Tagged ORF Clone
Tag:	TurboGFP
Symbol:	Wdr92
Synonyms:	A1553587; HZGJ
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)
ORF Nucleotide Sequence:	>MG205445 representing NM_178909 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGC**C

ATGTCCACCTTCGAGAAGCCTCAGATCATTGTCCACATTCAAAAGGGCCTCAACTACACAGTGTTGACAG
GCAATGGGTGCCCTGCAGTGCCAAATTCGTGACGATGGGCAACTTTGCCCGGGCACCAGCGTTATCCA
GGTGTACGAGATCCAGCGCGGGGACCTCAAGCTGCTGCGGGAGATTGAAAAGGCCAAGCCATTAATGT
GGAACATTTGGTCCGCATCTCTGCAGCAGAGATTCCTAGCTACTGGAGATTTTGGTGGAAATCTTCATA
TATGGAACCTGGAAGCTCCAGAGATGCCAGTGTATTCTGTAAGGGCCACAAAGAAATCATAAATACCAT
AGATGGTGTAGGTGGACTTGAATTGGGAAGGAGCCCTGAAATCGTGACGGGCAGCCGTGATGGAAC
GTAAAGGTGTGGGACCCAAGGCAAAAAGAGGATCCTGTCGCTAACATGGAACCTGCAAGGAGAAAAACA
AGAGAGACTGTTGGACCGTGGCATTGGCAATGCTTATAATCAAGAAGAAGTGTGTGTGTGCTGGCTA
TGACAAATGGGGACATCAAGCTGTTGACCTCAGGAACATGTCAGTGGGTGGGAGACAAACATTAATAA
GGGATGACAGCTTGAATTTGACAGAAAGGACATCAGTATGAATAAGTTGGTAGCTACATCTCTAGAAG
GGAAGTCCACGTCTTCGACATGAGAACACAGCATCCTACCAAGGGCTTTGCTTCTGTTACAGAAAAGGC
CCATAAATCCACTGTATGGCAAGTCCGGCACCTGCCTCAAACAGGGAGATCTTTCTGACAACGGGAGGC
GCTGGGAGTCTTACCTCTGGAAGTATGAATACCAACTCAGCGGTCAAAGAAAGATTCCGAGGGCTTGG
AGATGGGAGTCGAGGTTCCGTCAGCCTTCTGCAGAACGTGACCGTGTCTACTCAGCCCATCTCCAGTTT
GGACTGGAGTCTGACAAAAGGGGGCTCTGCGTCTGTAGTTCATTGACCAGATGGTGCCTGTGCTGATA
GTTACAAAGCTCCAGACCATT

ACCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA



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Protein Sequence: >MG205445 representing NM_178909
 Red=Cloning site Green=Tags(s)

MSTFEKPQIIIVHIQKGLNYTVFDSKWVPCSAKFVTMGNFARGTGVIQVVEIQRGDLKLLREIEKAKPIKC
 GTFGAASLQQRFLATGDFGGNLHIWNLEAPEMPVYSVKGHKEIINTIDGVGGLGIGEGAPEIVTGSRDGT
 VKVWDPRQKEDPVANMEPAQGENKRDCWTVAFGNAYNQEERVVCCAGYDNGDIKLFDLRNMSLRWETNIKN
 GVCSELEFDRKDISMNKL VATSLEGKFHVDFMRTQHPTKGFASVTEKAHKSTVWQVRHLPQNREIFLTTGG
 AGSLHLWKYEYPTQRSKKDSEGLEMGVAGSVLLQNVTVSTQPISSLDWSPDKRGLCVCSFDDQMVRVLI
 VTKLQTI

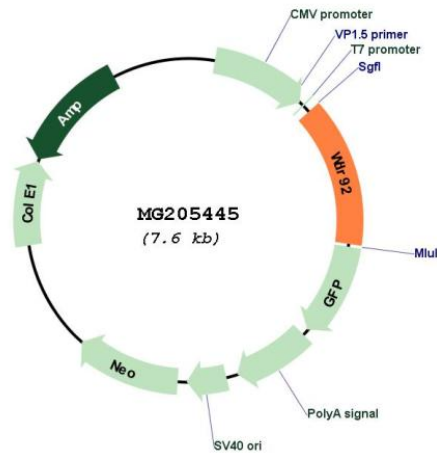
TRTRPLE - GFP Tag - V

Restriction Sites: SgfI-MluI

Cloning Scheme:



Plasmid Map:



ACCN: NM_178909

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:	<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_178909.4 , NP_849240.1
RefSeq Size:	3431 bp
RefSeq ORF:	1074 bp
Locus ID:	103784
UniProt ID:	Q8BGF3
Cytogenetics:	11 A2
Gene Summary:	Seems to act as a modulator of apoptosis.[UniProtKB/Swiss-Prot Function]