

Product datasheet for **MG205919**

Wif1 (NM_011915) Mouse Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: Wif1 (NM_011915) Mouse Tagged ORF Clone
Tag: TurboGFP
Symbol: Wif1
Synonyms: AW107799; WIF-1
Mammalian Cell Selection: Neomycin
Vector: pCMV6-AC-GFP (PS100010)
E. coli Selection: Ampicillin (100 ug/mL)
ORF Nucleotide Sequence: >MG205919 representing NM_011915
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGGCTCGGAGAAGAGCCTTCCCTGCTTTCGCGCTCCGGCTCTGGAGCATCCTACCTTGCCTGCTCCTGC
 TGCAGCGGATGCAGGGCAGCCACCTGAGGAGAGCTTGTACCTGTGGATCGACGCCCATCAGGCTAGAGT
 GCTCATAGGATTTGAAGAAGACATTCTGATTGTCTCGGAGGGGAAAATGGCCCCTTTACACATGATTTCC
 AGGAAAGCCCAACAAGAATGCCAGCCATTCTGTCAATATCCACTCCATGAATTTTACCTGGCAAGCTG
 CGGGCAGGCAGAATACTTCTACGAGTCTGTCTCTGCGCTCCCTGGATAAAGGCATCATGGCAGATCC
 AACTGTCAATGTCCCTCTGCTGGAACAGTGCCTCACAAGGCATCAGTTGTTCAAGTTGGTTTCCCGTGT
 CTCGGCAAACAAGACGGGTAGCAGCATTGAAGTGAATGTGATTGTCATGAATTCTGAAGGCAACACCA
 TCCTTAGGACCCCTCAGAATGCTATCTTCTTAAACATGTCAACAAGCTGAGTGTCCCGGAGGGTGTGCG
 AAATGGAGGCTTTTGTAAACGAAAGGCGGGTCTGCGAGTGTCCGGATGGTTTCTACGGGCCTCACTGTGAG
 AAAGCCCTGTGCATACCCGATGTATGAACGGTGGTCTGTGTGCTCACTCCTGGCTTCTGCATCTGCCCC
 CTGGATTCTACGGTGTCAACTGTGACAAAGCAAAGTGTCAACCACCTGCTTTAATGGAGGGACCTGCTT
 TTACCCGGGAAAATGATTTGCCCTCCTGGACTCGAGGGAGAGCAGTGTGAAGTCAAGGTTACCAAGGAGAC
 CCCTGCCGAAATGGAGGTAATGCATTGGTAAAGCAAGTGAAGTCCCGAAAGGTTACCAAGGAGAC
 TGTGCTCTAAGCCGCTCTGCGAGCCTGGCTGTGGTCCCGAACCTGCCACGAACCCAAAGTGCCA
 GTGTGAGAGGGCTGGCACGGCAGACACTGCAATAAGAGGTATGGAGCCAGCCTCATGCATGCCCGAGG
 CCAGCAGGCGCCGGGCTGGAGCGACACAGCCTTCACTTAAAAAGGCTGAGGATAGAAGGGATCCACCTG
 AATCCAATTACATCTGG

AC**CGT**ACGCGGCCGCTCGAG - GFP Tag - GTTTAA



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Protein Sequence: >MG205919 representing NM_011915
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MARRRAFPAFALRLWSILPCLLLLADAGQPPEESLYLWIDAHQARVLIGFEEDILIVSEGKMAPFTHDF
 RKAQQRMPAIPVNIHSMNFTWQAAGQAEYFYEFLLSLRSLDKGIMADPTVNVPLLGTVPHKASVVQVGFPC
 LGKQDGVAAFEVNVIVMNSEGNTILRTPQNAIFFKTCQQAECPPGCRNGGFCNERRVCECPDGFYGPHE
 KALCIPRCMNGGLCVTPGFCICPPGFYGVNCDKANCSTTCFNGGTCFYPGKCICPPGLEGEQCELKCPQ
 PCRNGGKCI GKSKCKPKGYQGDLCSKVPCEPGCAHGTCHEPNKCQCREGWHGRHCNKRYGASLMHAPR
 PAGAGLERHTPSLKAEDRRDPPESNYIW

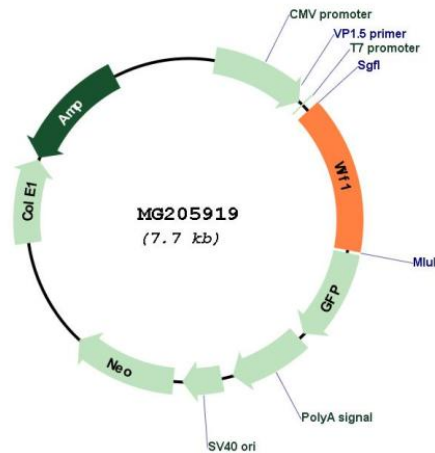
TRTRPLE - GFP Tag - V

Restriction Sites: SgfI-MluI

Cloning Scheme:



Plasmid Map:



ACCN: NM_011915

ORF Size:	1137 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_011915.1 , NP_036045.1
RefSeq Size:	2047 bp
RefSeq ORF:	1140 bp
Locus ID:	24117
UniProt ID:	Q9WUA1
Cytogenetics:	10 D2
Gene Summary:	Binds to WNT proteins and inhibits their activities. May be involved in mesoderm segmentation.[UniProtKB/Swiss-Prot Function]