

## Product datasheet for **MG218196**

### Gpr19 (NM\_008157) Mouse Tagged ORF Clone

#### Product data:

Product Type: Expression Plasmids  
 Product Name: Gpr19 (NM\_008157) Mouse Tagged ORF Clone  
 Tag: TurboGFP  
 Symbol: Gpr19  
 Mammalian Cell Selection: Neomycin  
 Vector: pCMV6-AC-GFP (PS100010)  
 E. coli Selection: Ampicillin (100 ug/mL)  
 ORF Nucleotide Sequence: >MG218196 representing NM\_008157  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGATCGCC**

ATGGATAACGACCAGCCGCCTGTGGTACTGCCACCCTGCTGGTGCCCTTCAGAACAGCAGCTGCGCGG  
 AAGCAGCTGAGGCCCTGCTGCCCATGGCTGATGGGATTGCATGAGGAGCACAGCTGGATGAGCAACAG  
 GACAGAGCTTCAGTACGAGCTGAACCTGGAGAGGTGGCCACCGCCAGCATCTTCTTTGGCGCTTTGTGG  
 TTGTTCTCCATCTTTGGCAATTCCTGGTATGTCTGGTCATCCACCGAGCCGGAGGACTCAGTCCACCA  
 CCAACTACTTCGTGGTGCATGGCGTGTGCTGACCTTTCATCAGCGTGGCCAGCAGCCGTTTGTGCGT  
 GCTGCAGTTCACCACCGGAGGTGGACCTGGGTAGCGCCATGTGCAAGGTGGTCCGCTACTTCCAGTAC  
 CTCACCCCGGCGTGCAGATCTACGTGCTGCTCTCCATCTGCATCGACCGCTTCTATACCATCGTCTACC  
 CGCTGAGCTTCAAGGTGTCCCGAGAGAAGGCCAAGAAAATGATTGCAGCCTCCTGGATCTTGGACGCGGC  
 CTCGTGACGCCTGTCTTCTTTTCTACGGCTCTAACTGGGATAGTCACTGTAACACTTCTCCTCCCTCCC  
 TCCTGGGAGGAACTGCCTATACCGTCATCCACTTCTTGGTGGGCTTCGTGATTCCTCCATCCTCATAA  
 TCCTGTTTTACCAGAAGTGCATAAAGTATATCTGGAGAATAGGCACGGACGGCGGACGCTGAGAAGGAC  
 GATGAACATTGTCCCAGGACAAAGGTGAAAACGGTCAAGATGTTCTGCTCTTGAACCTAGTGTTCCTG  
 TTCTCCTGGCTACCTTTCATGTGGCTCAGCTCTGGCATCCCCATGAGCAAGACTACAAGAAGAGCTCCC  
 TTGCTTTCACGGCAGTCAGTGGGTATCTTTCAGCTCTTCAGCCTCGAAACCCACTCTGACTCTATTTA  
 TAATGCCAATTTTCGGAGAGGGATGAAAGAGACATTCTGCATGTCTCGATGAAATGCTACCGCAGCAAT  
 GCCTACACCATCAGACCAGCTCACGGATGGCCAAAAGAACTATGTGGGCATTTTCGAAAATCCCTCCC  
 TGAGCAGGACCATAACCAAAGACTCCATCTATGACTCATTTGACCGGAGGCCAGGGAGAAGAAGCTCGC  
 CTGGCCATCAACTCAAACCTCCAAACACTTTTGTC

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA



[View online »](#)

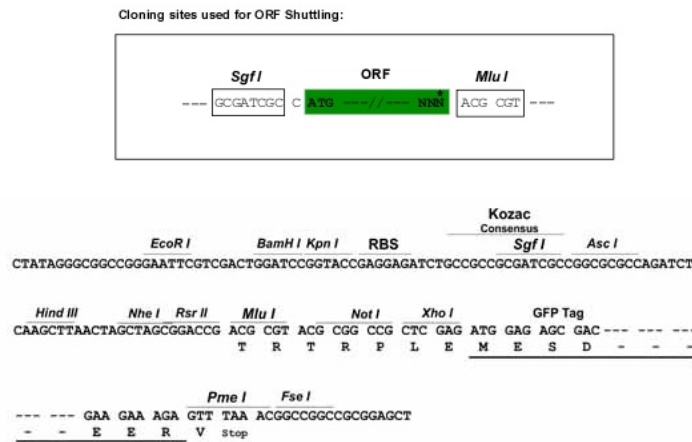
**Protein Sequence:** >MG218196 representing NM\_008157  
 Red=Cloning site Green=Tags(s)

MDNDQPPVVTATLLVPLQNSSCAEAAEALLPHGLMGLHEEHSWMSNRTELQYELNPGEVATASIFFGALW  
 LFSIFGNLSVCLVIHRSRRTQSTTNYFVVSACADLLISVASTPFVVLQFTTGRWTLGSAMCKVVRVFQY  
 LTPGVQIYVLLSICIDRFYTIIVYPLSFKVSRKAKKMAASWILDAAFVTPVFFFYGSNWDSHCNVFLPP  
 SWEGTAYTVIHFLVGFVIPSILIIILFYQKVIKIYIWRIGTDGRTLRRTMNIVPRTKVKTVMFLLNLVFL  
 FSWLPPFHVAQLWHPHEQDYKSSLVFTAVTWVSFSSASKPTLYSIYNANFRRGMKETFCMSSMKCYRSN  
 AYTIITSSRMAKRNYVGISEIPPVSRITITKDSIYDSFDREAREKKLAWPINSNPPNTFV

TRTRPLE - GFP Tag - V

**Restriction Sites:** SgfI-MluI

**Cloning Scheme:**



**ACCN:** NM\_008157

**ORF Size:** 1581 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\\_008157.3](#), [NP\\_032183.2](#)

**RefSeq ORF:** 1230 bp

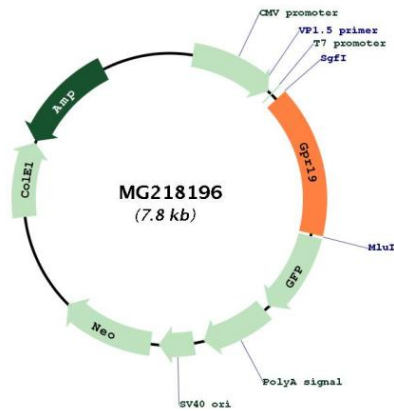
**Locus ID:** 14760

**UniProt ID:** [Q61121](#)

**Cytogenetics:** 6 G1

**Gene Summary:** Orphan receptor.[UniProtKB/Swiss-Prot Function]

**Product images:**



Circular map for MG218196