

## Product datasheet for MR217198

### Gpr160 (NM\_001134386) Mouse Tagged ORF Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Gpr160 (NM\_001134386) Mouse Tagged ORF Clone  
**Tag:** Myc-DDK  
**Symbol:** Gpr160  
**Synonyms:** 1700025D19Rik; GPCR150  
**Mammalian Cell Selection:** Neomycin  
**Vector:** pCMV6-Entry (PS100001)  
**E. coli Selection:** Kanamycin (25 ug/mL)  
**ORF Nucleotide Sequence:** >MR217198 representing NM\_001134386  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGATCGCC**

ATGACAGCTCTTTCTTCAAAGAAGTCTCTCTTCAATACCAGCTCCATCAGTCTCCGAGCTCCTGGAGG  
 CCTCCTGTCTGTTCTTGATCATCCTGGGAAAGTGTATTAACATCCTCCTCTAAGAGTGAGAAG  
 GGGAGACGCCCGCTGGACTTTGATGGAGTACTTCTGCTTCTCACTCGCACTTGTCGATCTCCTGCTGTTG  
 GTAACATTTCCATCCTGACCTACTTCAGGACTTTGTAGTTCTAGGTATTAGGTTTACCAGATACCACA  
 TCTGTCTGCTCACACAAATTATTTCTTCACTTATGGCTTCTTGCAATACCCAGTCTGCTCACTGGCTTG  
 TATAGACTACTGGTGAATCTGTCCAGAGCCAGCAAGCAGTCATCTAGGTGGCAGAAATTTATTTTC  
 TTGACAGTCATTTAACTTGATCTCAGTCCTTGCTTACGTTTTGGTTGACCCGGCCATCTCAGTCAGCC  
 TAAAGGCACACAGGGGCTATGTGTACCAGTGCCCGCCTATGTCAGCACTCAGAGTCACTGGCTCTCACT  
 GTCTATGCTGATGGTTTTATTTGGCTTTTCTGATTTTCATGGCAGGAAGTTGTTGCCTTGCTTCAGGCT  
 ATGAGGATAGCATCCTATAAGAGCAAGGCCGCTCTACTTTCTTTCCCACTCCACTGCCGTTACGCC  
 TGAGCTGCAGAGAAGCACTCTTGCCAGGCTCATCGTGTCTTTCTTGGACCTGGTTTCCCTTTGTAGC  
 ACTTCAGTCCCTCATCTCTCCCTCAGAGTTTTCAGATCCCGGCGTACATAGAAATGAACGTCCCCTGGCTG  
 TACTTTGTCAACAGTTTCTCATCGCTGCAGTTTATTGGTTTAACTGCCACAAGCTTGATTAAGAGACA  
 GCTCGTTACCTGTGGATCCTTTTCATCAACTGAAATGCTGCTTTGTTCCAGTCCATAGACTTAAGCAAGT  
 GGAGAGGCCCATGTCCATAGTCATCTGT

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA



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**Protein Sequence:** >MR217198 representing NM\_001134386  
Red=Cloning site Green=Tags(s)

MTALSSKNCSLQYLHQSPQLLEASCLLFLIILGKVLNILLRVRRGDARWTLMEYFCFSLALVDLLLL  
 VNISILTYFRDFVVLGIRFTRYHICLLTQIISFTYGFLHYPVCSLACIDYWCNLSRASKQSSRWQKLLYF  
 LTVILTWISVLAYVLVDPAISVSLKAHRGYVYQCPAYVSTQSHWLSLSMLMVLVFAFLISWQEVVALLQA  
 MRIASYKSKAALYFPFPLHCGYALSCEALLPRLIVCFLGTWFFPVALQVLILSLRVQIPAYIEMNVPWL  
 YFVNSFLIAAVYWFNCHKLDLDRDSSLPVDPFINWKCCFVPVHRLKQVERPMSIVIC

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

**Restriction Sites:** SgfI-MluI

**Cloning Scheme:**

Cloning sites used for ORF Shuttling:



\* The last codon before the Stop codon of the ORF

**ACCN:** NM\_001134386

**ORF Size:** 1008 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\\_001134386.2](#), [NP\\_001127858.1](#)

**RefSeq Size:** 1691 bp

**RefSeq ORF:** 1011 bp

**Locus ID:** 71862

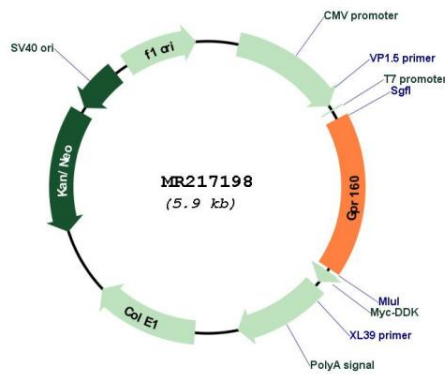
**UniProt ID:** [Q3U3F9](#)

**Cytogenetics:** 3 A3

**MW:** 38.9 kDa

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

**Product images:**



Circular map for MR217198