

Product datasheet for **MC216199**

Gpr135 (NM_181752) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Gpr135 (NM_181752) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Gpr135
Synonyms:	PAFR
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >MC216199 representing NM_181752
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGCC**

ATGGAGGAGCAGGCGCGCCGCTGGCCGCCGCGAGTGCAACCTTGCAGGGTAGCGCGCATCCGG
 GAGGGGCGGCTTCCACGGCCACTGCAGCCGCGCTGTCGTTTCAGCTCCGTAGCCACGGTAACGCTGGGAAA
 CCAAAGCGATGCGGGCAGGCCGGAGGCAGCGGGGTCTCGGGGACCCGCACCGCTGTATGCCAGGGGCA
 GCGGTGGCCGCCAGGCGCTCGTCTCTGCTCATCTTCTTGCTGTCTAGCCTGGCAACTGCGCGGTGA
 TGGGGGTGATCGTGAAGCATCGGCAGCTGCGCACGGTCACAAACGCCTTCATCTGTGCTGTCCCTGTC
 GGACCTGCTCACTGCGTGTCTGCCTACCGCCGCTTCTCGATCTATTGCGGCTCCCGGAGACTCT
 GGGCCCTGGCGCAGCTTTCGCGCAGCCAGCCGCTTCTTCAGTTCGTGTTTCGGAATCGTATCCACGTTCA
 GCGTGGCGCTCATCTCGCTGGACCGCTACTGCGCCATCGTGGCCGCCCGGGACAAGCTGGGCCGCGC
 GCGCGCTGCAGCTGCTGGCAGGAGCGTGGTTGGCTGCGCTGGGCTTCTCCCTGCCCTGGGACCTGCTC
 AGGGCACCCCGGAGCCCCCGCTCCGCAGAGCTTCCACCGCTGCCTTTACAGAACCTCCCAGACCCTG
 CGCAGCTGGGCGTGCCTACAGCGTGGGACTGGTGGTGGCTTGCTACTTGCTGCCCTTCTACTGATGTG
 TTTCTGCCCTACCACATCTGCAAGACCGTGCCTGTGCGGACGTGCGCGTGGCGCGATGACCCTTAC
 GCGCGCTGCTGCGCTTCTCAGCGAGGTGCGCACAGCCACCACCGTGTCTCATGATTATCTTTGTCA
 TGTGCTGCTGGGTCCCTACTGCTTCTGGTGTGCTGGCCGCGACCCGGCAGGGTACAGCCACGACGGC
 TCCCTCGCTGCTCAATGTGGCGGCTGTTGGCTGACCTGGGCAATGGGGCTATCAACCCGGTATATAT
 GCCATCCGCAACCCCAACATTTCCATGCTCCTAGGACGCAACCCGGAAGAAGGTTACAGGACTAGAAACA
 TGGATGCTTTTTGCCTAGCCAAGGCCTAGGTTTTCAAGCCAGAAGTCGCAATCGCTTCGAAATGGCTG
 TGCCAACAGGCTTGGGGCTTGCAGCAGGATGCCTTCTTCCAACCCAGCTAGTGGGTGAGGAGGGGAAGTG
 GCATGTGGGCTCGAAAAATCCAGTTGTGCTTCTTCCGAGAGGGTCCACCGACTCAGTTATGGAAG
 TCGCAAACACTGCATAATTCTGAAACCAGGGACAGCAGCATT**TAA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-Mlul

ACCN: NM_181752

Insert Size: 1374 bp

OTI Disclaimer: Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).

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_181752.1](#), [NP_861417.1](#)

RefSeq Size: 1374 bp

RefSeq ORF: 1374 bp

Locus ID: 238252

UniProt ID: [Q7TQP2](#)

Cytogenetics: 12 C3

Gene Summary: Orphan receptor. Has spontaneous activity for beta-arrestin recruitment (By similarity). Shows a reciprocal regulatory interaction with the melatonin receptor MTNR1B most likely through receptor heteromerization (By similarity).[UniProtKB/Swiss-Prot Function]