

Product datasheet for MC203588

Gpr176 (NM_201367) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Gpr176 (NM_201367) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Gpr176
Synonyms:	Gm1012
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>BC052037

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CGGCTGGCCGGCTCTGCAGGACGCTGCCTGGCTCCCGAGCGTCGGTCCCTCCACGCCGGGGCAGGAGCG
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TTTATTGAGGGAGTATATATTATCTATCTTAGTGGTCTGTGCCTTCGTACACATTCAAGTGTAAACTGGGC
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TTACAAAGCTGAAAAAAAAAAAAAAAAAAAAA

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- Restriction Sites:** Ascl-NotI
- ACCN:** NM_201367
- Insert Size:** 1548 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:** [BC052037](#), [AAH52037](#)

RefSeq Size: 3813 bp

RefSeq ORF: 1548 bp

Locus ID: 381413

UniProt ID: [Q80WT4](#)

Cytogenetics: 2 E5

Gene Summary: Orphan receptor involved in normal circadian rhythm behavior (PubMed:26882873). Acts through the G-protein subclass G(z)-alpha and has an agonist-independent basal activity to repress cAMP production (PubMed:26882873).[UniProtKB/Swiss-Prot Function]