

Product datasheet for **MC206559**

Gpr1 (BC032934) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Gpr1 (BC032934) Mouse Untagged Clone
Tag: Tag Free
Symbol: Gpr1
Synonyms: MGC41704
Mammalian Cell Selection: Neomycin
Vector: PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection: Kanamycin (25 ug/mL)

Fully Sequenced ORF: >BC032934
 CAGTCTCCAGCTCCCCGCTGATTGAGCGCAGGCACCTTTCGGGGTGTCAATTCAAAAGTCAAAGAAAA
 GCTGTTTGAGGCTAGAAAGGGTGCAGCTTAAGTGACTGGAAAAGCCCTTCCATTCAGTCTGGAGTTG
 GAAGTTATATTCAAACACCACGACAGCTTGGCTCCGCACAGAACATTAACAGATTTCCCTACTCTTCACC
 TACAAGATCATCATGGAAGTCTCAAAGGAAATGTTATTTGAGGAGTTGGACAACATTCCTATGCCTTAG
 ATTATTACTCCCAGGAGTCTGACCCGGAGGAGAAGGTGTACCTGGGACTCGTTCCTGACTCCCTGTT
 CTTATATGCCCTAGCATTTGTTCTGGGCATCCCAGGAAATGCCATCGTCATTTGGCTCATGGGATTCAAG
 TGGAAGAAGACAGTCACCACTCTTTGGTCCCTCAATCTGGCCATCGCAGACTTCATCTTTGTTCTCTTCC
 TGCCCTGTACATTTCTACGTGGCCTTGAGTTCCACTGGCCCTTTGGCCTGTGGCTCTGCAAGGTTAA
 TTCCTTCAATGCCCAACTGAACATGTTTTCCAGTGTTCCTTCTTGACAGTGATCAGCCTGGACCGCTAC
 ATCCACTTGCTCCATCCTGGCTGTCTCATCGGCACCGGACTCTAAAGAGCTCACTGGTTGTTGTTATAC
 TTGTCTGGCTGTTGGCTTCTCTGCTGGAGGCTTACCTTATACTCCGGGACACCATGGAGGTCAACAA
 CCACATCATTTGTTATAATAATTTCCAGGAGCATGAACTCACCTTGATGAGACACCATGTTCTGACCTGG
 GTGAAGTTCCTCTTTGGCTACCTCTTCCCTTTGCTAACCATGAGCTCCTGCTACTTGTGCCTCATCTTCA
 AGATGAAAAGCGGAACATCCTGATATCTAGAAAGCATCTCTGGATGATCCTGTCTGTGGTCAATGCCTT
 CTTGGTTTGTGGACCCCTTATCACCTGTTTAGCATCTGGGAGCTCAGCATTATCACAACAGCTCTTTC
 CAGAATGTGCTGCAGGGTGAATCCCCCTCTCAACTGGCTTAGCCTTCTCAATAGCTGCTTGAATCCCA
 TCCTTTACGTCTAATAAGCAAGACGTTCCAAGCCCGCTTCAGGGCCTCTGTTGCTGAGGTAATAAGCG
 TTCGCTGTGGGAAGCCAGCTGCTCTGGTACAGTCAGTGAACAACCTCAGGAGTGTGAAACCAAGAGCCTG
 TCTCTCCTAGAAACTGCCAGTGAGTATTGTGTTCCAGAAAATCAGTGCAAAGTTTTTCATGTGAGCCTC
 ATAACAAATCCTTTAGATTAGGTTGCATTCTGATCCACACTGATCATGTTTTTTGTTCAAGTATATTTTT
 GCTTGGCTATAAAAGGGAGGATTTCTTCCCTGCAATTTAAATCATGTATCTTTCTGGCTGCCCTCTGGT
 GCCGTTCTGATACTGACAGCCTAAAAGTTTCTTCCACTATTTAGCCTGCGTCTGTTAATGTACTGCAAT
 GTATGTATCAAATTAAGTCATTTTTATAGTGTATACCACATTATTAATATCTCTATTGAAAAA
 AAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA

Restriction Sites: EcoRI-NotI



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ACCN:	BC032934
Insert Size:	1062 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:	<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:	BC032934 , AAH32934
RefSeq Size:	1647 bp
RefSeq ORF:	1062 bp
Locus ID:	241070
Cytogenetics:	1 C2
Gene Summary:	Receptor for the inflammation-associated leukocyte chemoattractant chemerin/RARRES2 suggesting a role for this receptor in the regulation of inflammation (By similarity). Receptor for TAFA1, mediates its effects on neuronal stem-cell proliferation and differentiation via the activation of ROCK/ERK and ROCK/STAT3 signaling pathway (PubMed:29799787). [UniProtKB/Swiss-Prot Function]