

Product datasheet for **MC206060**

Gpr12 (BC055746) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Gpr12 (BC055746) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Gpr12
Synonyms:	Gpcr01, Gpcr20
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >BC055746
 CCGCATGGGAGATGCAATTAGCCAATGTCGGTTTTTCAGCGTTTTGGCAAGTGTGCGAGTGTGCATGTGCC
 GCCTCGGGAGTCTGATCCGTGTTTTCCCTCAGAGACAAACAGCATTTTCGGTTGCAGACTTTAGCTTTTGT
 TTTTAATTCCTGAAGCTCGTGGCATTGACACTGATAGCTGAGCCCAGGGTTGTCTGTCTTTCTCTGTG
 TGTTTTGCATGATCTTGGATTGGCACCCTACTGTACCCAAACATTAAGCGGGCTGCTTTCCGTTGAAGA
 GGACAGGGTTAAAATGAACGAAGACCCGAAGGTCAATTTAAGCGGGCTGCCCGGGAGTATAGATGC
 CGGTGCTCCAGAGAACATCTCAGCCGCTGTCCCCTCCCAGGGCTCTGTTGCGGAGTCAGAACCCGAGCTC
 GTTGTCAACCCCTGGGACATTGTCTTGTGCAGCTCAGGAACCCCTCATCTGCTGTGAAAATGCCGTTGTGG
 TCCTTATCATCTTCCACAGCCCCAGCCTGCGAGCCCCATGTTCCCTACTGATAGGCAGCCTGGCTTTGC
 AGACCTGCTGGCTGGCCTGGGACTCATCATCAATTTTGTTTTTGCGTACCTGCTTCAGTCAGAAGCCACC
 AAGCTGGTACCATCGGACTCATTGTGCGCTCTTTCTCTGCTCTGTCTGCAGTTTGGCTGGCTATTACTG
 TGGACCGTACCTCTCGCTATATTACGCCCTGACGTACCACTCCGAGAGGACCGTCACCTTTACCTATGT
 CATGCTAGTGATGCTCTGGGAACCTCCATCTGCCTGGGCTGCTGCCCGTCATGGGCTGGAAGTCTTG
 AGGACGAGTCCACCTGCAGCGTGGTCCAGCTCTCACTAAGAACAACGCTGCCATCCTCTCCATCTCCT
 TCCTCTTATGTTTGGCTCTGATGCTTACGCTCTACATCCAGATTTGTAAGATTGTGATGAGGCACGCCCA
 TCAGATAGCCCTGCAGCACCCTTCCCTGGCTACATCGCACTATGTGACTACCCGAAAGGGTCTCGACC
 CTGGCTCTCATCCTAGGGACCTTTGCTGCCTGCTGGATGCCTTTACCCCTCTATTCTTGATCGCCGATT
 ACACCTACCCTTCGATCTATACCTATGCCACCCTCCTGCCCGCCACCTACAATCCATCATCAACCCCTGT
 CATTTACGCTTTTCAGAAACCAAGAGATCCAGAAAGCCCTCTGCCTCATTGCTGTGGGTGCATCCCTTCC
 TCGCTGTCTCAGAGAGCTCGGTCTCCCAGCGATGTGTAGCAGCCTTCTCCTCATAGGACGCTGCCTCTAC
 CAAGCGCTCCCACCTCCCAGGGCGGCCAGTGATTTCTTCTTAAATTTTGCAGTGGATCTCACAAAGC
 AGAAGCAATGACATCTTTTAGACACGTATTGACAGTGGAAATCATTTACCAGTGTTTTTTAAAAA
 ACAAACAAAACCTCGACTTCTCGGCTCAGCATTCTGTTGTTGGTTTGGGAGTTAGGATTTGTTTGTG
 TTTGCTTGTGTTTGTGTTTGGAGGGTGAATGGGACCTCATGTGGCCATGAAATTAACAAGTCTCGG
 GATTTTTTAACCTAGGCTTGAATAAAATCAAAGTTTTAAAGGAAACTGGAGAAGGAAATACTTTTTCTG
 AAGGAAATACTTTTTTTTTTAAATCAAGGTAGATCTTCCATTCTGTATGTATCTAACAGGATAGGAGCT
 TTGCCATATAACCAAAATAGTTTATATAATTACATTTGGAAGGGCTTGTGTTTATTTCTAGGAATTCAGT
 AATAAGTGACCAGTAACAGAGGCGCAACTCCTTTCTTCTTTCAGCAGTAGTGACTGCTTAAAGAT
 CACTTTGCAGTTTCTCTGTGTTACAGTTTGGTATGCATGGTTACCTGTGGTAGTCAGATCACTAATTGCA
 ATATTGCCATGTTAAACCCAGAATTAAGAGATCATTTTTTCTTCAAAAAAAAAAAAAAAAAAAAAAAAAA
 AAAAAAAAAAAAAAAAAAAAAAAAAA

Restriction Sites: Ascl-NotI

ACCN: BC055746

Insert Size: 1005 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: [BC055746](#), [AAH55746](#)

RefSeq Size: 2059 bp

RefSeq ORF: 1005 bp

Locus ID: 14738

Cytogenetics: 5 G3

Gene Summary: Receptor with constitutive G(s) signaling activity that stimulates cyclic AMP production (By similarity). Promotes neurite outgrowth and blocks myelin inhibition in neurons. [UniProtKB/Swiss-Prot Function]