

Product datasheet for **MC208582**

Gpr3 (NM_008154) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Gpr3 (NM_008154) Mouse Untagged Clone
Tag: Tag Free
Symbol: Gpr3
Synonyms: Gpcr3; Gpcr20; Gpcr21
Mammalian Cell Selection: Neomycin
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Fully Sequenced ORF: >MC208582 representing NM_008154
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGATGTGGGGAGCAGGAAGCTCTATGGCCTGGTTCTCAGCTGGCTCAGGCAGTGTGAACGTGAGCAGCG
 TGGACCCAGTAGAGGAACCCACAGGCCAGCTACACTGCTGCCCTCTCCAGGGCCTGGGATGTGGTGCT
 GTGCATCTCAGGCACCCTGGTGTCTGCGAGAACGCGCTGGTGGTGGCCATCATTGTGGGCACTCCTGCC
 TTCGCGCCCCATGTTCTGCTGGTGGTAGCTTGGCCGTAGCAGACCTGCTGGCAGGCCTGGGCTGG
 TCCTGCACCTTGGGGCTGACTTCTGCATTGGCTCACCAGAGATGAGCTTGATGCTGGTCGGCGTGCTAGC
 AATGGCCTTCACTGCCAGCATCGGCAGCCTGCTGGCCATTACCGTTGACCGCTACCTTTCCTGTACAAT
 GCTCTCACTTACTACTCAGAGACAACGGTAACCTCGGACTTATGTGATGCTGGCCTTGGTGTGGGTGGTG
 CCCTGGGCTGGGGCTGGTTCCTGCTGGCCTGGAACCTGCCGGGATGGCCTGACCACGTGTGGTGTGGT
 CTATCCAATCTCCAAGAACCATCTGGTGGTCTGGCCATCGCCTTCTTCATGGTGTGGTGGTGGTGGT
 CAGCTCTATGCCAGATCTGCCGCATCGTCTGCCGCCATGCCAGCAGATCGCCCTCCAACGACACCTGC
 TGCTGCCTCTCACTACGTGGCCACCCGAAGGGCATCGCCACATTGGCTGTGGTGTGGTGGCCTTTGC
 TGCTGTGGTGGCCTTCACTGTCTACTGCCTCCTGGGAGATGCCGACTCTCCCGTCTCTACACCTAT
 CTTACCCTGCTCCAGCCACCTACAACCTCATGATCAACCCTGTATCATCTACGCTTTCCGCAACCAAGATG
 TGCAGAAGGTGCTGTGGCCATCTGCTGCTGCTTCCACTTCCAAGATTCCATTCCGGTCCCGGTCCCC
 TAGTGATGTCTAG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Chromatograms: https://cdn.origene.com/chromatograms/ja2231_f02.zip



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Restriction Sites:	Sgfl-Mlul
ACCN:	NM_008154
Insert Size:	993 bp
OTI Disclaimer:	<p>Due to the inherent nature of this plasmid, standard methods to replicate additional amounts of DNA in E. coli are highly likely to result in mutations and/or rearrangements. Therefore, OriGene does not guarantee the capability to replicate this plasmid DNA. Additional amounts of DNA can be purchased from OriGene with batch-specific, full-sequence verification at a reduced cost. Please contact our customer care team at custsupport@origene.com or by calling 301.340.3188 option 3 for pricing and delivery.</p> <p>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</p>
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:	NM_008154.3 , NP_032180.1
RefSeq Size:	2159 bp
RefSeq ORF:	993 bp
Locus ID:	14748
UniProt ID:	P35413
Cytogenetics:	4 D2.3
Gene Summary:	Orphan receptor with constitutive G(s) signaling activity that activate cyclic AMP. Has a potential role in modulating a number of brain functions, including behavioral responses to stress, amyloid-beta peptide generation in neurons (By similarity) and neurite outgrowth (By similarity). Maintains also meiotic arrest in oocytes.[UniProtKB/Swiss-Prot Function]