

Product datasheet for **MG205364**

Gpr1 (NM_146250) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Gpr1 (NM_146250) Mouse Tagged ORF Clone
Tag:	TurboGFP
Symbol:	Gpr1
Synonyms:	MGC41704
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)
ORF Nucleotide Sequence:	>MG205364 representing NM_146250 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGAAGTCTCAAAGGAAATGTTATTTGAGGAGTTGGACAACATTCCTATGCCTTAGATTACTCCC
AGGAGTCTGACCCGAGGAGAAGGTGTACCTGGGACTCGTTCACTGGATCTCCCTGTTCTATATGCCCT
AGCATTGTTCTGGGCATCCCAGGAAATGCCATCGTCATTTGGCTCATGGGATCAAGTGAAGAAGACA
GTCACCACTCTTTGGTTCCTCAATCTGGCCATCGCAGACTTCATCTTTGTTCTCTTCTGCCCTGTACA
TTTCTACGTGGCCTTGAGTTTCCACTGGCCCTTTGGCCTGTGGCTCTGCAAGGTTAATTCCTTCATTGC
CCAACGAACATGTTTTCCAGTGTTCCTTCTTGACAGTGATCAGCCTGGACCGCTACATCCACTTGCTC
CATCCTGGCTTGCTCATCGGCACCGGACTCTAAAGAGCTCACTGGTGTGTTATACTTGCTGGCTGT
TGGCTTCTGCTTGGAGGTCTACCTTATACTCCGGGACACCATGGAGGTCAACAACCACATCATTTG
TTATAATAATTTCCAGGAGCATGAACTCACCTTGATGAGACCATGTTCTGACCTGGGTGAAGTTCCTC
TTTGGCTACCTCTCCCTTTGCTAACCATGAGCTCCTGCTACTTGTGCCTCATCTCAAGATGAAAAAGC
GGAACATCCTGATATCTAGAAAGCATCTCTGGATGATCCTGTCTGTGGTCAATGCCTTCTGGTTTGCTG
GACCCCTTATCACCTGTTTAGCATCTGGGAGCTCAGCATTATCACAACAGCTCTTTCCAGAATGTGCTG
CAGGGTGAATCCCCCTCAACTGGCTTAGCCTTCCCTCAATAGCTGCTTGAATCCCATCCTTTACGTCC
TAATAAGCAAGACGTTCCAAGCCGCTTCAGGGCCTCTGTTGCTGAGGTAATAAGCGTTTCGCTGTGGGA
AGCCAGCTGCTCTGGTACAGTCAGTGAACAACCTCAGGAGTGCTGAAACCAAGAGCCTGTCTCTCTAGAA
ACTGCCAG

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA



[View online »](#)

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_146250.2](#)

RefSeq Size: 1647 bp

RefSeq ORF: 1062 bp

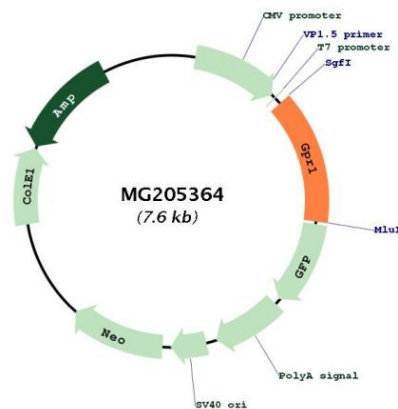
Locus ID: 241070

UniProt ID: [Q8K087](#)

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 TAF1A1, 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]

Product images:



Circular map for MG205364