

Product datasheet for **RN216820**

Gpr176 (NM_001270986) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Gpr176 (NM_001270986) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Gpr176
Synonyms:	Gm1012; Gpr; RBU-15
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN216820 representing NM_001270986
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGGGCACAAACGGCAGCTGGGTGTACCGAACACCAGCCACCCGCGTAACACGTGGGGCGCCAGGCTG
 GCGCCAACAGCAGCGCGTTCGGGGAGCTGAGCGAGGCGCAGCTGTACCGCCAGTTCACCACCACCGTGCA
 GGTCTGTCATCTTCATTGGTTCGCTGCTCGGAACTTCACGGTGTATGGTCAACCTGCCGCACGACCGTG
 TTCAAATCTGTACCAACAGTTTCAAAAAACCTGGCCTGCTCCGGGATTTGTGCCAGCGTGGTCTGCC
 TGCCCTTCGACATCATCCTGAGCACCAGCCCTCACTGCTGCTGGTGGATCTACACGATGCTCTTCTGCAA
 GGTGCTTAAATTCCTACACAAGGTGTTCTGCTCGGTGACTGTCTCAGCTTCTGCCATTGCCCTGGAC
 AGGTACTATTAGTCTCTACCCTCTGGAGAGAAAAATCTCTGACCCAAGTCTCGGAACTAGTGATGT
 ACATCTGGGCCCATGCAGTGGTGGCCAGCGTCCCTGTGTTTGTGTGACCAATGTAGCTGACATCTATGC
 TACATCCACCTGCACGGAAGTCTGGAGCAACTCCTTGGGCCACCTGGTGTATGCTCCTGATCTACAACGTC
 ACCACGGTCATTGTGCCTGTGGCTGTGGTATTCCCTCTTTCTTATCCTGATCCGGAGGGCCCTGAGTGCCA
 GTCAGAAGAAGAAAGTCATCATCGCTGCACTGAGGACCCACAGAACACCATCTCTATCCCTATGCATC
 CCAGCGGGAGGCAGAGCTACATGCCACCCTGCTCTCCATGGTGACAGTTTTTCATCCTCTGCAGCGTACCC
 TATGCCACCCTGGTTGTCTACCAGACTGTGCTCAATGTACCTAACACTTCTGTGTTCTTGCTTCTCACTG
 CTATTTGGCTGCCAAAGTCTCACTGTTGGCAACCCTGTGCTCTTCTAACTGTGAACAGATCAGTACG
 CAAATGCTTGGTGGGGACCCTGGTGCAGTTGCACCACCGGTACAGTCGCCGCAATGTGGTTAGTACAGGG
 AGTGGGGTGGTTGAGCCTAGCCTTGAGCCAGCATGCGCTCTGGTAGCCAGCTCTGGAGATGTTCCACA
 TTGGACAGCAACAGATCTTTAAGCCCTCGGAGGATGAGGAAGAGAGTGAGGCCAAGTATCTTGGCTCAAC
 TGATTTCCAGGCCAAGGAGGTACTCACCTCCTCCAGAGGGCGAGGAGTACAGCTTGACCCCTCTGTG
 CCGCCTCCAGGCACAGTACTGATCTCGGGTGTCCCAAGTACGCCCCGTGGAACCTGGCATATTCC
 CTGATAAGTATTCCCTGCAGTTTGGCTTTGGCCTTTCGAGTTGCCCCCTCAGTGGCTCTCTGAGACTCG
 AAATAGCAAGAAGAGGCTGCTTCCCCACTGGGCAATACCCAGAAAGAGCTGATCCAGACAAAGGTGCC
 AGAGTGAGCAGGGTGGAGCGGAAGATGAGCAGAAACAATAAAGTGAGCATTTTCCAAAGGTAGACTCCT
 AG

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-Mlul

ACCN: NM_001270986

Insert Size: 1542 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).

OTI Annotation: Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.

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: [NM_001270986.1](#), [NP_001257915.1](#)

RefSeq Size: 3824 bp

RefSeq ORF: 1542 bp

Locus ID: 117257

UniProt ID: [Q64017](#)

Cytogenetics: 3q35

Gene Summary: orphan G protein coupled receptor found in brain and spleen [RGD, Feb 2006]