

Product datasheet for **RN200293**

Gpr12 (NM_030831) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Gpr12 (NM_030831) Rat Untagged Clone
Tag: Tag Free
Symbol: Gpr12
Synonyms: Gpcr12
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >RN200293 representing NM_030831
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**GCGATCGCC**

ATGAACGAAGACCCGAAGGTCAATTTAAGCGGGCTGCCTCGGGACTGTATAGAAGCTGGTACTCCGGAGA
ACATCTCAGCCGCTGTCCCTCCAGGGCTCTGTTGTGGAGTCAGAACCCGAGCTCGTTGTCAACCCCTG
GGACATTGTCTTGTGCAGCTCAGGAACCCTCATCTGCTGTGAAAATGCCGTCGTGGTCTTATCATCTTC
CACAGCCCAGCCTGCGAGCACCCATGTTCTGCTGATAGGCAGCCTGGCTCTTGACAGACCTGCTGGCTG
GTCTGGGACTCATCATCAATTTTGTGCTACCTGCTTCAGTCAGAAGCCACCAAGCTGGTCACAAT
TGGACTCATTGTGCCTCTTTCTCTGCCTCTGTCTGCAGTTTGGCTATCACTGTGGACCGCTACCTC
TCGCTGTATTACGCCCTGACGTACCACTCCGAGAGGACCGTCACCTTTACCTATGTATGCTAGTGATGC
TCTGGGAACTTCCACCTGCCTGGGGCTGCTGCCTGTATGGGCTGGAAGTGCCTGAGGGACGAGTCCAC
CTGCAGCGTGGTCAGACCCCTACTAAGAACAACGCCGCCATTCTCTCCATCTCCTTCTTCTTATGTTT
GCACTGATGCTCCAACCTACATCCAGATTTGTAAGATTGTGATGAGGCACGCCCATCAGATAGCCCTGC
AGCACCACTTCTGGCTACGTGCACTACGTGACTACCCGAAAGGGATCTCCACCCTGGCTCTCATCTCT
GGGGACCTTTGCCGCTGCTGGATGCCTTTTACCCTCTATTCTTATGATCGCCGATTACACCTACCCCTCC
ATCTACACCTACGCCACCTCTGCCCGCCACGTACAATTCCATCATCAACCCTGTCATATATGCTTTCA
GAAACCAAGAGATCCAGAAAGCCCTCTGCCTCATCTGCTGTGGTGCATCCCTAACACGCTGTCCCAGAG
AGCACGCTCTCCAGCGATGTGTAG

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_030831



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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:	<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:	<u>NM_030831.1</u> , <u>NP_110458.1</u>
RefSeq Size:	1713 bp
RefSeq ORF:	1005 bp
Locus ID:	80840
UniProt ID:	<u>P30951</u>
Cytogenetics:	12p11
Gene Summary:	orphan G-protein coupled receptor expressed in brain [RGD, Feb 2006]