

## Product datasheet for **RN210475**

### **Gpr83 (NM\_080411) Rat Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Gpr83 (NM_080411) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Gpr83
Synonyms:	Gir
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



[View online »](#)

**Fully Sequenced ORF:** >RN210475 representing NM\_080411  
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCCGCGATCGCC

ATGAATGTCCCTCCTGTCTCTCTTTTCTTCTGTCTCCGTGAGAGCCACTGAGCAGCCGAGGTCCG  
TCACTGAGCATCCCAGCATGGATGCAGCCCTGACCGAGCCAATGCCTCGCATTTCTGGCCAACACTACAC  
TTTCTCTGACTGGCAGAACTTCGTGGGCAGGAGACGCTATGGGGCTGAGTCCCAGAACCCACAGTGAAA  
GCCCTGCTCATCGTGGCCTACTCCTTCATCATTGTCTTCTCGCTCTTCGCAATGTCTGGTCTGTCATG  
TAATCTTCAAGAACCAGCGTATGCACTCGGCCACCAGCCTCTTCATCGTCAACCTGGCAGTGGCAGACAT  
CATGATCACATTGCTCAACACGCCCTTCACTTTGGTCCGCTTTGTGAACAGCACATGGGTGTTTGGGAAG  
GGCATGTGTCATGTCAGCCGCTTGGCCAGTACTGTTCTACATGTCTCAGCACTGACCCTGACAGCTA  
TCGCAGTGGACCCACCAGGTCATCATGCATCCCTTGAAGCCTCGGATCTCCATCACCAGGGTGTGTCAT  
ATATATTGCTGTCATCTGGGTGTCATGGCTACCTTCTCTCTGCTCATGCCATCTGCCAGAACTGTTT  
ACCTTCAAGTACAGTGAAGACATTGTGCGCTCCCTCTGCCTGCCGACTTCCCAGAGCCAGCTGACCTCT  
TTTGAAGTACCTGGACCTGGCCACCTTCATCCTACTCTACCTCCTTCCACTCTTCATTATCTCAGTGGC  
CTATGCTCGTGTGGCCAAGAAATTTGGCTCTGCAACACTATTGGCGACGTGACCACAGAGCAGTACCTC  
GCCCTGAGACGCAAGAAGAAGACCACCGTGAAGATGCTGGTGTGTTGGTGGTCTCTTCGCTCTCTGCT  
GGTTCCCCTCAACTGCTATGTCCTCCTTCTGTCCAGCAAGGCCATCCACACCAACAACGCCCTCTACTT  
TGCTTCCACTGGTTTGGCATGAGCAGCACTTGTATAATCCCTTCATCTACTGCTGGCTCAACGAGAAC  
TTCAGGGTGGAGCTGAAGCACTGTTGAGCATGTGCCAGAGGCCGTCAGCCTCAGGAAGACAGGCTGC  
CCTCCCCGGTTCCTTCTCAGGGTGGCATGGACGGAGAAGAGCCATGGTCGGAGGGCTCTGCTAGCTAA  
TCACCACCTTCCCTCTCCAGATCCAGTCTGGGAAGACAGATCTGTCTCTGTGAACCCACTGTGCC  
GTGAGTTAG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA

**Chromatograms:** [https://cdn.origene.com/chromatograms/ja1472\\_g08.zip](https://cdn.origene.com/chromatograms/ja1472_g08.zip)

**Restriction Sites:** SgfI-MluI

**ACCN:** NM\_080411

**Insert Size:** 1269 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: [NM\\_080411.1](#), [NP\\_536336.1](#)  
RefSeq Size: 3673 bp  
RefSeq ORF: 1269 bp  
Locus ID: 140595  
Cytogenetics: 8q12  
Gene Summary: glucocorticoid-induced receptor found in brain and may be involved in behavioral sensitization [RGD, Feb 2006]