

## Product datasheet for **RN208766**

### **Gpr151 (NM\_181633) Rat Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Gpr151 (NM_181633) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Gpr151
Synonyms:	nGPCR-2037
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



[View online »](#)

**Fully Sequenced ORF:** >RN208766 representing NM\_181633  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGGGGAAGGCAACGCTGGCAGTCTTTGCTGACTCCGATTCCAGCAACATGAACGAGTCATTTGCTCACC  
 TCCACTTTGCAGGAGGCTACCTGCCATCTGACTCCAAGGCTGGAGGACCATCATTCCATCTCTTGGC  
 GGCTGTGTGCCTGGTGGCTTCGTTGAAACCTATGTGTGATTGGCCTTCTCCTTCATGGTGTGGAAA  
 AGAAAGCCATCCATGATCCACTCCCTGATTCTCAATCTCAGCCTGGCTGACATCTCTCTCTGCTTTTT  
 CCGCACCTGTCCGAGCTACGGCATACTCAAAGGTGTTTGGGATCTAGGCTGGTTGTCTGCAAGTCCTC  
 TGACTGGTTCACCCACATGTGCATGGCAGCCAAGAGCTTGACATTTGTTGTAGTAGCCAAGGTGTGCTTC  
 ATGTACGCAAGTGACCCAGCCAAGCCAGTGGGTACCCACAACCTGCACCATCTGGTCACTGCTGGGAGCCA  
 TCTGGGTGGTAGCCAGCCTACTCCCTGCCAGAATGGTCTTTAGCACCCAGACATCACGCAGGTGT  
 GAAATGTGCCTCGTGGATGTGCCAGCTGTAGCAGCAGAATTCATGTCCTGTTCCGTAAGCTCTACCCT  
 CTGCTGGTGTTCCTTCTTTACTTTGGCTGGCTTTATTTCTGGCGAGCTTATAACCAATGCAAAA  
 TACGCTGTGCGAAAACCTCAAATCTTAGGAACCAGATGCGTTCAAAGCAACTCACGGTGTGCTGCTGAG  
 TACTGCCGTACCTCTGCTCTTCTGTGGCTCCCGAATGGATAGCCTGGCTGTGGGTTTGGCATCTGAAG  
 GCTGGAGTCCAATGCCACCGCAGGGTTTTATAGCCCTGTCTCAAGTCTGATGTTTTCCATCTCCACAG  
 TGAATCTCTCATATTTCTAATGATGTCTGAAGAGTTC AAGGCAGGCTTGAAAGGCATATGGAAATGGAT  
 GATAACCAGAAAGCCTGTAGTTACCTCAGAGGTT CAGGAGTACCAGCTGGAAACATTGAGACCTTCTCT  
 GGTAAGGCTCCATCTCCAGAGACCCAAACATGCATTCCAGACACAGACAGATGTGGCTCTCTGACTCCA  
 GCAAAGAGACAACCTGACAAGGTGATGGTTCCCATCCTCCCTGATGTTGAGCAGTTTTGGCACGAGAGGGA  
 TGTTGGCCCTTCGGCACAAAGACAATGACCTATACCCCTGGGAACATGAAGGCCAAGAGACAAAGGGCTGC  
 AATTAG

**ACGCGT**ACGCGGCCGCTCGAGCAGAAAACCTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Chromatograms:** [https://cdn.origene.com/chromatograms/ja1632\\_h09.zip](https://cdn.origene.com/chromatograms/ja1632_h09.zip)

**Restriction Sites:** SgfI-MluI

**ACCN:** NM\_181633

**Insert Size:** 1266 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\\_181633.2](#), [NP\\_853664.1](#)  
RefSeq Size: 1395 bp  
RefSeq ORF: 1266 bp  
Locus ID: 307475  
UniProt ID: [Q7TSN5](#)  
Cytogenetics: 18p11  
Gene Summary: mouse homolog is a G-protein coupled receptor with homology to galanin receptors [RGD, Feb 2006]