

## Product datasheet for **RN202521**

### **Gpr101 (NM\_001108258) Rat Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Gpr101 (NM_001108258) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Gpr101
Synonyms:	RGD1564196
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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**Fully Sequenced ORF:** >RN202521 representing NM\_001108258  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGATCGCC**

ATGCCATCCAGCTGCACCAACAGTACTCAAGAGAACAACAGCAGCCGAGTGTGCCTGCCCTCTCCAAGA  
 TGCTATTAGCATCGCTCACGGCATCATCCGCTCCGTTGTGCTGCTCATCATCCTTGGTGTAGCCTTTGT  
 GGGTAACGTAGTCTGGTTATGTATTGCACCGTAAGCCACACTTGTGCAGGTGACCAACCGGTTCCATA  
 TTTAACCTGCTTGTCACTGACCTGCTGCAGTTGCTCTCGTGGCCCCCTGGGTGGTGTCCACTGCCATTC  
 CTTTCTTCTGGCCTCTCAACATCCACTTCTGCACTGCCCTGGTTAGCCTCACCCACTTATTTGCCTTTGC  
 CAGTGTCAATACCATTGTGGTGGTGTGATAGATCGTTACCTGTCCATCATCCACCCTCTTCTACCCA  
 TCCAAGATGACCAACCGACGTAGTTACATTCTCCTCTATGGCACCTGGATTGCAGCCTTCTGCAGAGCA  
 CACCTCCACTCTATGGCTGGGGCCAGCCACTTTTGACGACCGTAATGCCTTCTGTTCCATGATCTGGGG  
 TGACAGTCTGCCTATACCGTTGTCAGTGTGGTATCCTTCTCGTTATTCCACTGGGTGTTATGATTGCC  
 TGCTATTCAAGTGGTGTGGTGCAGCCAGAAGGCAGCAAGCTCTCCTGTATAAGGCCAAGAGCCACCGCT  
 TCCAGGTCAAGTCAAGGACTCTGTGGTGCATGAGAATGAACAGGGAGCAAAAGAGGGATGAATGCCAGGA  
 CGAATGAGTTTGGAGCAAGATGAAGGTGGTCAAGAAAGCACCAGCATGTTGGATGAGGGTGCCATG  
 GTAGCTGAGAACAGCAGCATGAAGACCGGAGCAGGAAGCCTGGATTTCTGTGCAAGTATCCTGGCGGCTA  
 TGGGCAGTGAAGAGTCAAGTAAATGGGAGCATGGAGGGCTGGAAGTGAAGTGAAGTGAAGTGAAGTGAAG  
 CGCAAAGGCAAACACGGACCGCAGAGATGTCAATCAGTGAACATTTACGTGGCGAAGATGACGTAGAG  
 TTTGGCATGGATGAAATCCATTTCAACGAGGATGATGTCGAGGCAATGCGTATCCAGAGAGCCGTCCAC  
 CCAGTCGTGAAACAGCACCAGCAACCCACCTTTGCCTCCATGCTATGAGTGAAGCTGTAGAGTGTGAT  
 CTTTCATCATCATTTTCTCCTATGTGCTGTCTCTGGGGCCCTACTGCTTCTGCGAGTGTGGCTGTGTGG  
 GTGGATATCGATTCCCAGGTACCCAGTGGGTGATCACCATAAATCTGGCTTTTTTCTGCAGTGTCT  
 GCGTCCACCCATATGTCTATGGCTATATGCACAAGAGCATTAAAGAAGGAAATCAAGGAGGTACTGAAGAA  
 GTTAACCTGTAAGAAAAGCACCTCTGTAGACGATAGCCATCCTGAGCTTCGCGAAACTGAAGCTGGCACA  
 GAGGGAGTACTGAAGGCAAGGCTATCCCTCTCATGATTCGGCTACTTCACCT**TAA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM\_001108258
- Insert Size:** 1527 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\\_001108258.1](#), [NP\\_001101728.1](#)

**RefSeq Size:** 2186 bp

**RefSeq ORF:** 1527 bp

**Locus ID:** 317608

**Cytogenetics:** Xq36