

## Product datasheet for **RN213252**

### **Gpr89b (NM\_001139486) Rat Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Gpr89b (NM_001139486) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Gpr89b
Synonyms:	Gpr89; RGD1304837
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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**Fully Sequenced ORF:** >RN213252 representing NM\_001139486  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGAGCTTCTTGATCGACTCCAGCATCATGATCACCTCCAGATACTGTTCTTTGGATTCGGGTGGCTTT  
 TCTTCATGCGCCAGTTGTTTAAGGACTATGAGGTTGTCAGTATGTGGTGCAGGTGATCTTCTCCGTGAC  
 CTTTGGCTTTTCCTGCACCATGTTTCGAGCTTATCATCTTTGAAATCTGGGAGTTCTGAACAGCAGCTCC  
 CGTTACTTTCACTGAAAAATGAACCTGTGTGTCATTCTGCTCATCCTGGTTTTTCATGGTTCCCTTACA  
 TTGGTTATTTTATCGTGAGTAACATCCAACCTGTTGCACAAACAGCGTCTGCTCTTTTCTGTCTTTATG  
 GCTGACCTTTATGACTTCTTCTGGAAGCTGGGAGATCCATTCCCATACTAGCCCAAAACATGGGATC  
 TTGTCCATAGAGCAGCTCATAGCCGGTAGGTGTGATTGGGGTGACACTCATGGCTCTGCTTCCGGAT  
 TCGGTGCTGTCAACTGCCCTACACATACATGCTCCTACTTCTCAGGAATGTGACTGACACGGATATCCT  
 TGCCCTGGAACGGCGACTGCTGCAGACCATGGACATGATCATAAGCAAAAAGAAAAGGATGGCGGTGACC  
 CGGAGAACAATGTTCCAGAGGGGGATGTGCAGAACAGCCATCGGGACTCTGGGCATGCTGAAGAGTG  
 TCACTGCCTCGGCCCCAGGAAGTAAAACTGACTCTTATCCAACAGGAAGTAGATGCTTTAGAAGAACT  
 GAGCAGGCAGCTTTTCTGGAACAGCCGATCTGTATGCTACAAAGGAAAGAAATTGAATACTCCAAAACA  
 TTCAAGGGGAAATATTTTAAATTCCTGGGTTATTTTTCTCTATTTATTGTGCTGGAAAATTTTATGG  
 CAACCATCAATATTGTTCTTGATCGGGTTGGGAAAACGACCCTGTCACCAGAGGCATCGAGACTACTGT  
 GAATTACTGGGAATCCAGTTCGATGTGAAGTTCTGGTCTCAGCACATTTCTTTCATCCTGGTTGGAATA  
 ATCATTGTCACGTCCATCAGGGGACTGCTGATCACACTACCAAGTCTTTTACGCCATCTCCAGCAGTA  
 AGTCCCAATGTCATCGTCTGCTTTAGCACAGATAATGGGAATGTACTTTGTCTCTGTACTGCT  
 GATCCGAATGAGTATGCCCCAGAAATACCGCACCAATAATCACAGAGGTCCTTGGAGAGCTTCAGTTCAAC  
 TTCTATCACCGCTGGTTTACGTCATCTTCTGGTCAAGTCCCTCTCAGCATATTGTTCTCTATCTGG  
 CTCACAAGCAGGCAGCAGAGAAGCATATGGCCCT**TGA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** SgfI-MluI

**ACCN:** NM\_001139486

**Insert Size:** 1368 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\_001139486.1, NP\_001132958.1  
RefSeq Size: 1824 bp  
RefSeq ORF: 1368 bp  
Locus ID: 362003  
Cytogenetics: 2q34