

## Product datasheet for **RN206991**

### **Gpr3711 (NM\_145784) Rat Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Gpr3711 (NM_145784) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Gpr3711
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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**Fully Sequenced ORF:** >RN206991 representing NM\_145784  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATCGCGTGGCTGTGGCCCTGGCTGTCTCTCTTGCTGTGCTGTTGGCTGTGGGGCCGAGTGAGGTCTCTG  
 GGGCTGCCACCTTATCTTTGGGTGGTCATAGACCAAGGTCCAGGAGCAGCAGAGTCGACCCGAAGAGG  
 TACCAAGGACGAGGGGCCAAGGAGGTACAGCACTATGTACCTGAGGAGTGGGCTGAGTACCCCAAGCCC  
 ATCCACCTGCTGGCCTGCAGCCACCAAGCCTTTGGTGGCCACTAGCCCAACCCAGACAAGGATGGGG  
 CCACCTCAGAGAGTGGACAAGAGCTGAGGACCAACCTGACCGGGACCAAGTCAGAGGCTGCAGATTCA  
 GAACCCCTGTATCCGGTGACCGAGAGCTCCTATAGTGCCTATGCCGTATGCTCCTGGCTCTGGTGGTA  
 TTTGCTGTGGGTATCGTGGCAATCTGTCTGCATGTGCATTGTGTGGCAGCTACTACTGAAGAGTG  
 CCTGGAATCTATCCTTGCCAGCCTGGCTCTCTGGGATTCCTGGTCTCTTCTTCTGCCTACCAATTGT  
 CATCTTCAATGAGATACCAAGCAGAGGCTACTGGGGATGTTTCTTGCCGAGCAGTGCCCTTCATGGAG  
 GTCTCCTCCCTGGGAGTCAACCTTCAGTCTCTGTGCCCTGGGCATAGACCGATTCCATGTGGCCACCA  
 GCACCTGCCAAAGGTGAGACCCATTGAGAGATGCCAATCAATCCTGGCTAAACTGGCTGTCTCTGGGT  
 GGGCTCCATGATGCTGGCTGTGCCTGAACCTCCTGCTGTGGCAGCTGGCACAAGAGCCCACTCCCACCATG  
 GGAAGTGTGGACTCATGTATCATGAAACCTTCAGCTGACCTGCCCGAATCCCTCTATTGCTGGTGTGA  
 CCTACCAGAAATGCCCGCATGTGGTGGTATTTGGTTGCTACTTCTGTCTGCCATCCTCTTACCCTCAC  
 CTGTACAGTGGTGACATGGCGGGTGGGGGCCACCGGGCAGGAAGCCTGAGTGTAGAGCGGGCAGACAT  
 GAGCAGTGTGAGAGTCACTAACAGCACCGTGGTGGGCTGACTGTGGTCTATGCCTTCTGTACGCTCC  
 CTGAAAACGCTGCAACATCGTGGTGGCTTACCTCTCCACTGAGCTCACGAGGCAGACCCCTGGACCTCCT  
 GGGCCTCATCAACCAGTTCTCCAGTCTTCAAGGGCGCCATCACTCCCGTCTCCTCCTGTGCATCTGC  
 AGGCCGCTAGGCCAGGCCTTCTGGATTGCTGCTGCTGTTGCTGTGAAGAATGTGGTGGGCATCAG  
 ACTCCTCAGCCACTGTCAGCGGGACAGCAAGCTTAAGGCCGAAGTGTCTCCTCCATCTACTTCCACAA  
 GCCCAGGGAGTACCCCCACTCTGCCCTGGGCACCCCTTGT**TGA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Chromatograms:** [https://cdn.origene.com/chromatograms/ja1883\\_a08.zip](https://cdn.origene.com/chromatograms/ja1883_a08.zip)

**Restriction Sites:** SgfI-MluI

**ACCN:** NM\_145784

**Insert Size:** 1446 bp

**OTI Disclaimer:** Due to the inherent nature of this plasmid, standard methods to replicate additional amounts of DNA in E. coli are highly likely to result in mutations and/or rearrangements. Therefore, OriGene does not guarantee the capability to replicate this plasmid DNA. Additional amounts of DNA can be purchased from OriGene with batch-specific, full-sequence verification at a reduced cost. Please contact our customer care team at [custsupport@origene.com](mailto:custsupport@origene.com) or by calling 301.340.3188 option 3 for pricing and delivery.

The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. [More info](#)

<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<u>NM_145784.2, NP_665727.2</u>
<b>RefSeq Size:</b>	2302 bp
<b>RefSeq ORF:</b>	1446 bp
<b>Locus ID:</b>	252939
<b>Cytogenetics:</b>	13q13
<b>Gene Summary:</b>	a putative G protein-coupled receptor that may have an important role in the central nervous system [RGD, Feb 2006]