

Product datasheet for **RR206991**

Gpr3711 (NM_145784) Rat Tagged ORF Clone

Product data:

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



[View online »](#)

ORF Nucleotide Sequence:

>RR206991 representing NM_145784
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCGCGATCGCC

ATGCGGTGGCTGTGGCCCTGGCTGTCTCTCTTGTCTGCTGTTGGCTGTGGGGCCGAGTGAGGTCTCTG
 GGCTGCCACCTATCTTTGGGTGGTCATAGAGCCAAGGTCCAGGAGCAGCAGAGTCGACCCGAAGAGG
 TACCAAGGACGAGGGGCCAAGGAGGTACAGCACTATGTACCTGAGGAGTGGGCTGAGTACCCCAAGCCC
 ATCCACCTGCTGGCTGCAGCCACCAAGCCTTTGGTGGCCACTAGCCCAACCCAGACAAGGATGGGG
 CCACCTCAGAGAGTGGACAAGAGCTGAGGACCAACCTGACCGGGACCAAGTCAGAGGCTGCAGATTCA
 GAACCCCTGTATCCGGTGACCGAGAGCTCCTATAGTGCCTATGCCGTATGCTCCTGGCTCTGGTGGTA
 TTTGCTGTGGGTATCGTGGCAATCTGTCTGCATGTGCATTGTGTGGCAGCTACTACTGAAGAGTG
 CCTGGAATCTATCCTTGCCAGCCTGGCTCTCTGGGATTTCTGGTCTCTTCTTCTGCCTACCAATTGT
 CATCTTCAATGAGATACCAAGCAGAGGCTACTGGGGATGTTTCTTGCCGAGCAGTGCCCTTCATGGAG
 GTCTCCTCCCTGGGAGTCAACCTTCAGTCTCTGTGCCCTGGGATAGACCGATTCCATGTGGCCACCA
 GCACCTGCCAAAGGTGAGACCCATTGAGAGATGCCAATCAATCCTGGCTAAACTGGCTGTCTCTGGGT
 GGGCTCCATGATGCTGGCTGTGCCTGAACCTCTGCTGTGGCAGCTGGCACAAGAGCCCACTCCCACCATG
 GAACTGTGGACTCATGTATCATGAAACCTTCAGCTGACCTGCCCGAATCCCTCTATTGCTGGTGTGTA
 CCTACCAGAAATGCCCGCATGTGGTGGTATTTTGGTTGCTACTTCTGTCTGCCATCCTCTTACCCTCAC
 CTGTGACGTGGTACATGGCGGGTGCAGGGCCACCGGGCAGGAAGCCTGAGTGTAGAGCGGGCAGACAT
 GAGCAGTGTGAGAGTACGCTAACAGCACCGTGGTGGGCTGACTGTGGTCTATGCCTTCTGTACGCTCC
 CTGAAAACGTCTGCAACATCGTGGTGGCTTACCTCTCCACTGAGCTCACGAGGCAGACCCCTGGACCTCT
 GGGCCTCATCAACCAGTTCTCCAGTCTTCAAGGGCGCCATCACTCCCGTCTCCTCTGTGCATCTGC
 AGGCCGCTAGGCCAGGCCTTCTGGATTGCTGCTGCTGTTGCTGCTGTGAAGAATGGTGGGGCATCAG
 ACTCCTCAGCCACTGTCAGCGGGACAGCAAGCTTAAGGCCGAAGTGTCTCCTCCATCTACTTCCACAA
 GCCCAGGGAGTACCCCCACTCTGCCCTGGGCACCCCTTGC

ACGCGTACGCGGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RR206991 representing NM_145784
 Red=Cloning site Green=Tags(s)

MRWLWPLAVSLAVVLA VGPSEVSGAATLSLGGHRAKVQEQQSRPRRGTKDEGPKEVQHYVPEEWA EYPKP
 IHPAGLQPTKPLVATSPNPKDGATSESGQELRTNLGTGPSQRLQIQNPLYPVTESSYSAYAVMLLALVV
 FAVGIVGNLSVMCIVVHWSYLLKSAWNSILASLALWDFLVLFCLPIVIFNEITKQRLLDVSCRAPPFME
 VSSLGVTTFSLCALGIDRFHVATSTLPKVRPIERCQSILAKLAVIIVGSMMLAVPELLLWQLAQEPTPTM
 GTVDSCIMKPSADLPESLYSLVMTYQNARMWYFGCYFCLPILFTVTCQLVTRVRGPPGRKPECRAGRH
 EQCESQLNSTVVGLTVVYAFCTLPENVCNIVVAYLSTELTRQTLDLLGLINQFSTFFKGAITPVLLLICIC
 RPLGQAFLDCCCCCCEECGGASDSSATVSADSKLKA EVSSSIYFHKPRESPPLLPLGTPC

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites:

Sgfl-Mlul

Cloning Scheme:


ACCN: NM_145784

ORF Size: 1443 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 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](#)

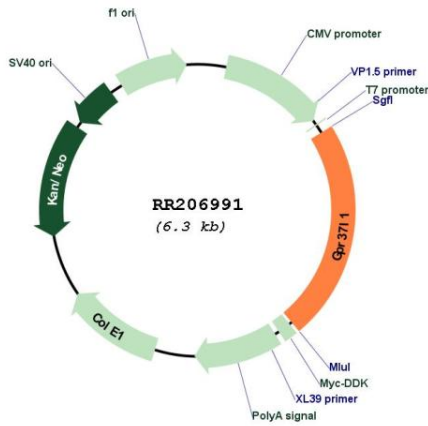
OTI Annotation: This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.

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:	<u>NM_145784.2, NP_665727.2</u>
RefSeq Size:	2302 bp
RefSeq ORF:	1446 bp
Locus ID:	252939
Cytogenetics:	13q13
MW:	52.8 kDa
Gene Summary:	a putative G protein-coupled receptor that may have an important role in the central nervous system [RGD, Feb 2006]

Product images:



Circular map for RR206991