

Product datasheet for **RN208964**

Gabrr1 (NM_017291) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Gabrr1 (NM_017291) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Gabrr1
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN208964 representing NM_017291
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGTTGGCTGTCCGGAATATGAAATTTGGCATATTCCTTTTGTGGTGGGGATGGTTCTGGCTGCTGAGA
 GCACAGTGCCTGGCCAGGAAGAGAAGTTCATGAGCCCTTAAGAAAGGCAGCAGACCTCAGAGACAGAG
 ACGAGGTGCACATGACGATGCCACAAGCAAGGCAGCCCCATTCTGAAACGAAGCTCTGACATAACCAAG
 TCGCCTCTACCAAGTCAGAGCAGCTGCTCAGGATAGATGACCACGACTTCAGCATGAGGCCTGGCTTTG
 GAGGTCCCGCCATCCCTGTGGGTGTGGATGTGCAGGTGGAGAGTCTGGACAGCATCTCCGAGGTGGACAT
 GGACTTCACCATGACCCTCTATCTGAGGCACTACTGGAAGGACGAGAGGCTGTCTTTCCAGTACCAAC
 AACCTCAGCATGACGTTTACGGCCGACTTGTAAAGAAGATATGGTTCCCGACATGTTCTTTGTGCACT
 CCAAACGCTCCTTCATCCATGACACCACCAGACAACGTCATGTTGCGGGTACAGCCAGATGGGAAAGT
 GCTGTACAGCCTCAGAGTTACAGTGACAGCGATGTGCAACATGGACTTCAGCCGTTTCCCCTGGACACA
 CAGACCTGCTCCCTCGAAATCGAAAGCTATGCCTACACAGAAGACGACCTCATGCTGTACTGGAAAAAG
 GCAATGACTCCTTAAAGACAGATGAGAGGATCTCCCTCTCTCAGTTCTCATTCAAGAATCCACACCAC
 CAAAACTAGCCTTCTACAGCAGTACAGGCTGGTACAACCGTCTGTACATCAACTTCACTCTACGTCGT
 CACATCTTCTTCTTCTGCTCCAAACCTACTTTCTGCCACCCTCATGGTCATGCTGTCTGGGTCTCT
 TCTGGATCGACCCGAGAGCTGTGCCTGCCAGAGTCCCCTTAGGCATCACACGGTGTGACCATGTCCAC
 CATCATCACGGCGTGAACGCCCTCATGCCTCGAGTGTCTACATCAAAGCCGTGGACATCTACCTCTGG
 GTCAGCTTTGTGTTCTGTTTCTCTCGGTGTTGGAGTACGAGCTGTCAACTACCTGACCACAGTGCAGG
 AGCGGAAGGAACGGAAGCTTCGGGAGAAGATCTCTGCACCTGTGGGTGCCCCAGCCTCGAGGGGTGAT
 GCTGGACAGCAGCTACAGTGACGGGGAGGTGAACGACCTGGGTGGCTACATGCCTGAGAACGGAGAGAAA
 CCCGACCGGATGATGGTGCAGCTGACCCCGCCTCCGAGAGGGGCTCCCCACAGAGGAAAAGCCAGAGAG
 GCAGCTATGTGAGCATGAGGATCAACACCCAGCCATTGACAAATACTCAAGGATCATTTCAGCTGC
 TTACATTTTATTCAATCTGATATACTGGTCAATTTTCTCT**TAG**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM_017291
- Insert Size:** 1443 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_017291.3](#), [NP_058987.2](#)
RefSeq Size: 4187 bp
RefSeq ORF: 1443 bp
Locus ID: 29694
Cytogenetics: 5q21
Gene Summary: rho subunit of GABA receptors; may mediate inhibitory neurotransmission in the retina [RGD, Feb 2006]