

Product datasheet for **RN204401**

Gabrg3 (NM_024370) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Gabrg3 (NM_024370) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Gabrg3
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN204401 representing NM_024370
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGCTGCAAAGCTGCTGCTTCTCTCTGCTGTCTCGGGCTTGCATGCTCGGTCCAGGAGGGTGAAG
 AGGATGACAGTGAAGACTCTCCATCAAACCAGAAGTGGGTCTTGGCACCCAAATCACAAGACACCGATGT
 GACTGATTCTCAACAAATTGCTGCGAGAATATGACAAAAAGTTGAGACCAGACATTGGAATAAAACCA
 ACTGTGATCGATGTGGACATTTATGTTAACAGCATTGGTCTGTGTCATCCATAAACATGGAATACCAAA
 TTGATATATTTTTGCTCAAACCTGGACAGACAGTCGCCCTTCGATTCAACAGCACAATGAAAATACTTAC
 TCTGAACAGCAACATGGTGGTTTGATATGGATACCAGACACCATCTTTCGAAACTCTAAAAACAGCAGAG
 GCTCACTGGATCACCACACCCAACCAGCTCCTTAGAATCTGGAATGATGGGAAAACTCTTACACATTAA
 GGCTTACCATCAATGCAGAGTCCAGCTGCAACTGCATAAATCCCATGGATGCGCATGCCTGCCCTTT
 GACCTTCTAGCTATGGCTACCCAAAGAAGAAATGATTTATCGTTGGAGGAAAAATTCAGTTGAGGCA
 GCTGATCAGAAATCATGGCGGCTCTATCAGTTTGACTTCATGGGCCTCAGAAACACTACAGAAATCGTGA
 CTACATCTGCAGGTGATTATGTTGTCATGACTATCTACTTTGAACTGAGTGAAGAAATGGGATACTTAC
 TATCCAGACGTATATCCCTGCATACTGACTGTGGTTCTGTCTGGGTATCATTTTGGATCAAAAAAGAT
 GCGACACCAGCAAGAACAACATTAGGCATCACCACGGTGTCAACCATGACCACACTCAGCACCATTGCCA
 GGAAGTCCCTGCCTCGGGTGTCTATGCTACTGCCATGGACCTCTTTGTGACTGTGTGCTTCTTGTTTGT
 CTTTGGCCACTGATGGAGTATGCTACTCTCAACTACTATTGAGCTGTGAAAGCAACCATCAGGAAG
 AAAAAGACATCGTTATTACATCCAGATTCAACAAGATGGATTCTGATCGAATAAGCCTTCAAGCACCT
 CTAATTATTCTCTCCTGGATATGAGACCCACCACCCGTGATGATCACGTTAAACAATTCATGTACTG
 GCAGGAGTTTGAGGACACTGTGTCTATGAGTGTCTGGATGGCAAAGACTGCCAGAGCTTCTTCTGCTGC
 TATGAGGAGTGAAGTCTGGCTCCTGGAGAAGAGGCCGATCCACATTGACGTCTCTGAGCTGGACTCCT
 ACTCTCGGGTCTTCTTCCAACGCTCCTTCTGCTGTTCAACCTGGTCTATTGGGTTGGATACCTATATCT
TAA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_024370

Insert Size: 1404 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_024370.3](#), [NP_077346.3](#)

RefSeq Size: 1638 bp

RefSeq ORF: 1404 bp

Locus ID: 79211

UniProt ID: [P28473](#)

Cytogenetics: 1q22

Gene Summary: subunit that facilitates benzodiazepine binding and sensitivity to GABA-A receptors; forms gamma-aminobutyric acid-gated benzodiazepine-modulated chloride channels [RGD, Feb 2006]