

Product datasheet for **MC216254**

Gabrg3 (NM_008074) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Gabrg3 (NM_008074) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Gabrg3
Synonyms:	B230362M20Rik; Gabrg-3
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >MC216254 representing NM_008074
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGCTGCAAAGCTGCTGCTTCTCTCTGCTGTCTCGGGCTTGCATGCTCGGTCCAGGAGGGTAGAAG
 AAGATGAGAATGAAGACTCCCCATCAAACCAGAAGTGGGTCTTGGCACCCAAATCACAAGACACCGATGT
 AACGCTGATTCTCAACAAATTGTTGAGAGAATATGACAAAAAGCTGAGACCGGACATTGGAATAAAACCA
 ACTGTGATCGATGTGGACATTTATGTTAACAGCATTGGTCCTGTGTCCATAAACATGGAATACCAAA
 TTGATATATTTTTGCTCAAACCTGGACAGACAGTCGCCCTTCGATTCAACAGCACAATGAAAATACTAAC
 TCTGAACAGCAACATGGTGGCTTGATATGGATTCCAGACACCATCTTTCGAAATCTAAAAACAGCGGAG
 GCTCACTGGATCACCACACCAACCAGCTCCTCAGAATCTGGAATGATGGGAAAACTCTTACACATTAA
 GGCTCACTATCAATGCAGAGTCCAGCTGCAACTGCATAACTCCCTATGGATGCGCATGCCTGCCCTT
 GACCTTCTAGCTATGGCTACCCAAAGAAGAAATGATTTATCGTTGGAGGAAAAATTCAGTTGAGGCA
 GCTGATCAGAAATCATGGCGGCTCTATCAGTTTGACTTCATGGGCTCAGAAACACTACAGAAATCGTGA
 CAACATCTGCAGGTGATTATGTTGTCATGACTATCTATTTTGAAGTGAAGGAAATGGGATACTTCAC
 GATCCAGACGTATATCCCTGCATACTGACTGTGGTTCTGTCTGGGTGTCATTTTGGATAAAAAAGGAT
 GCGACACCAGCAAGAACAACATTAGGCATCACCACGGTGTCAACCATGACCACACTCAGCACCATTGCCA
 GGAAGTCTCTGCCTCGGGTGTCTATGTCACTGCCATGGACCTCTTTGTGACTGTGTGCTTCTTGTTTGT
 CTTTGGCCACTGATGGAGTATGCTACACTCAACTACTATTCAAGCTGTGAAAGCCAACCATCAGGAAG
 AAAAAACATCGTTATTACATCCAGATTCACAAGATGGATTCTGATCGAATAAGCCTTCAAGCACCT
 CTAATTAATCTCTACTGGACATGAGGCCCCACCACCTGTGATGATCACGTTAAACAATTCATGTACTG
 GCAGGAATTTGAGGACACTGTGTCTATGAGTGTCTGGATGGCAAAGACTGCCAGAGCTTCTTCTGCTGC
 TATGAGGAGTGAAGTCTGGCTCCTGGAGGAGAGCCGCATCCACATTGATGTCTCTGAGCTGGACTCCT
 ACTCTCGGGTCTTCTCCGACATCCTTCTGCTGTTCAACCTGGTCTATTGGGTTGGATACCTGTATCT
TAA

ACGGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_008074

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_008074.2](#), [NP_032100.2](#)

RefSeq Size: 1673 bp

RefSeq ORF: 1404 bp

Locus ID: 14407

UniProt ID: [P27681](#)

Cytogenetics: 7 33.48 cM

Gene Summary: GABA, the major inhibitory neurotransmitter in the vertebrate brain, mediates neuronal inhibition by binding to the GABA/benzodiazepine receptor and opening an integral chloride channel.[UniProtKB/Swiss-Prot Function]