

## Product datasheet for **SC205027**

### **GABRG3 (NM\_033223) Human 3' UTR Clone**

#### **Product data:**

Product Type:	3' UTR Clones
Product Name:	GABRG3 (NM_033223) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	GABRG3
ACCN:	NM_033223
Insert Size:	2000 bp



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**Insert Sequence:** >SC205027 3'UTR clone of NM\_033223  
The sequence shown below is from the reference sequence of NM\_033223. The complete sequence of this clone may contain minor differences, such as SNPs.  
Blue=Stop Codon Red=Cloning site

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
GTCTACTGGGTTGGATACCTGTATCTCTAAGTGTTCAGAGTGAAGAGTGAAGAGCATTGGTACAC
ACTTGACCTTCTGTCGTCGCCAGACCAGTAGTGACCAATCGGGAGTAGCAAGGAAGGACACTGCCAGT
GTATCTTGTTATAAAATGACCTTTTCAGCAACACAGGAAGTACCCAGCAAAGGTTTCTATTATGATTTTA
CACACACACATACATACACACACAGCTAATTGAGTTTTAAAGTAATATTCTTGCTAATCCCTACTGA
ATTGTAGCTTGGTGTGTTTCTGAATGGTTTTGGATATTGGAAGCAGCCGCTGATTACCCTTGCAAAG
AAATCTGTAATAATGTGCACGTGAATGTCTGAGATGCTCTCTCAGGCCTCTAGCCTTCTGTATCTTCC
TTTGCAGCCCTGGGTGTAGTAGCACTCAGGAGTGTGAATCACCCCTGGCCGAGACCCACTCCTGCTGG
CTCAGCCTGGGCATGTGTGTGCTCCAGTGTGAACAGCAGTGGGTTCCAACCCAGTCTCCTTTCTGTG
GGCCTCTCTGGCTCCAGCACCATCATCGTTAGCTGGCACTCCTTTACCTAATAACCTCGTTCTAGGCCT
GGGGAGAGTACACTCGCATTGTCTACGGTTCCATTGGAGGAGAAAATAAGATTTTCAAATGCTCATG
TTGTTGGGGTCAAAGATGATTATCTCTGAACATCAGAAGGTTATTAATTTTCAACTTACTGAGAGT
CAACAATATTTGAACTTTGGGTTCTTGGACTAGTTCAACAGCATTTACCTTAAGAGCTGTTTTTCACT
AGACCAACGCTCAACCCTCGAGTATGTGTCCAGCTTATGTTATATTATTATGGGTTCCGTAATTGTCAT
TTTGCAAAGAAAGGTATACAGTGAACACAACCTGTTATCTTGAAGACATACACCGAATGTGAAAGACA
TGATAGATAAAATTTTATTTTTATTTTTTTTTTGAGACAGAGTCATGCTCTGTACCTGGCCAGGCTG
GAGTGCAGTGGCACAATCTTAGCTCACTGCAACCTCTGCCTCCCATGTTCAAGCGATTTTCTGCCTCA
GTTTCCCAAGTGGCTGGGACTACAGGTGTGCGCTACCACACCCGGCTAATTTTTGTATTTTTGTTTTT
GTTTTTTGGGTTTTTTTAGTAGAGACGGGTTTTACCATGTTGGCCTGGCTGGTCTCGAACTCCTGACC
TCAGGTGATCTGCCCGCTCAGCCTCCCAAAGTCTAGGATTACAGGCATGAGCCACCATGCCCGGCCA
AAATTAATAAAAAAAAAAATTAGTGAATATTAATTTTCAACTCAAACCAACTTTAGATGCAAAAAAATGGG
CAATGGTGATCATCAAGTACATATTTTGTGATGAACAAGATTATTTTATACTTTGAAATATGGATACATAG
CAAAATCCCAAAGAAAAAATATCCCCCAAATCAATACTTTTTGATATTTTTATAATAACAAACCAAC
TTGCTGCTTGTGTTAGTCTTTTGTATAACTGGATGCCAATGTGAAGTGCAGAAGACTGTTTTGAAAC
TTCTCCTACCAATAGGCAAAACACAAGTCTACCAGTTAGTTAATAATGCTTTGGCATTGTTAAAATT
TGAACACAGAATCTGTGCTTCTCATCTTTCTACATAGAAAACCTGAATTAATTTGACCTAGAAACCG
TAATTTTTAAAATTATCTATTGTGCATACCATAATTACCAGAAAACGTAAAATATTTTGCAGAGAAAGT
ATAGAAAAGTATCAATTTACACAATGTCTGGATGTATACCAGACACAGAAGAGGATGGGAGCAGAAG
AGGCCAGAAAAAGTGAATTTAGATTTCATCTGCTTATTCTATTAAGATTGTTGCATATTAACCGGATGC
AAAGATATAGATATGTCTGAATTTCAAAGATGGAGTCTATACAGCGTGAGACATTCAAACCCATTGT
ACGCGTAAGCGGCCGCGGCATCTAGATTCAAGAAAAATGACCGACCAAGCGACGCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
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**Restriction Sites:** SgfI-MluI

**OTI Disclaimer:** Our molecular clone sequence data has been matched to the sequence identifier above as a point of reference. Note that the complete sequence of this clone is largely the same as the reference sequence but may contain minor differences, e.g., single nucleotide polymorphisms (SNPs).

**Components:** The cDNA clone is shipped in a 2-D bar-coded Matrix tube as 10 ug dried plasmid DNA. The package also includes 100 pmols of both the corresponding 5' and 3' vector primers in separate vials.

**RefSeq:** [NM\\_033223.5](#)

**Summary:**

This gene encodes a gamma-aminobutyric acid (GABA) receptor. GABA is the major inhibitory neurotransmitter in the mammalian brain where it acts at GABA-A receptors, which are ligand-gated chloride channels. Chloride conductance of these channels can be modulated by agents such as benzodiazepines that bind to the GABA-A receptor. GABA-A receptors are pentameric, consisting of proteins from several subunit classes: alpha, beta, gamma, delta and rho. The protein encoded by this gene is a gamma subunit, which contains the benzodiazepine binding site. Two transcript variants encoding distinct isoforms have been found for this gene. [provided by RefSeq, Aug 2012]

**Locus ID:**

2567

**MW:**

76.2