

## Product datasheet for **SC330501**

### **GABRR1 (NM\_001256704) Human Untagged Clone**

#### Product data:

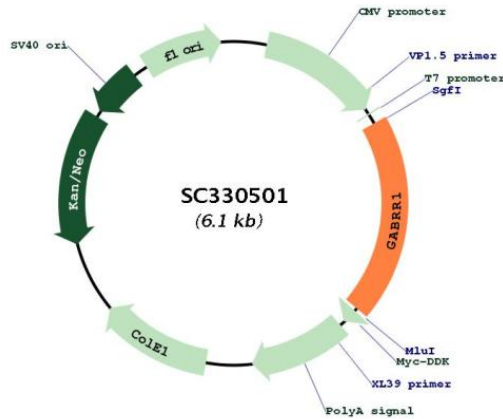
**Product Type:** Expression Plasmids  
**Product Name:** GABRR1 (NM\_001256704) Human Untagged Clone  
**Tag:** Tag Free  
**Symbol:** GABRR1  
**Vector:** pCMV6-Entry (PS100001)  
**Fully Sequenced ORF:** >SC330501 representing NM\_001256704.  
Blue=Insert sequence Red=Cloning site Green=Tag(s)

```
ATGAGGCCTGGCTTTGGAGGCCCTGCCATTCTGTTGGTGTGGATGTGCAGGTGGAGAGTTGGATAGC
ATCTCAGAGGTTGACATGGACTTTACGATGACCCTCTACCTGAGGCACTACTGGAAGGACGAGAGGCTG
TCTTTTCCAAGCACCAACAACCTCAGCATGACGTTTGACGGCCGGCTGGTCAAGAAGATCTGGGTCCT
GACATGTTTTTCGTGCACTCCAAACGCTCCTTCATCCACGACACCACCACAGACAACGTCATGTTGCGG
GTCCAGCCTGATGGGAAAGTGCTCTATAGTCTCAGGGTTACAGTAACTGCAATGTGCAACATGGACTTC
AGCCGATTTCCCTTGGACACACAACGCTCTCTTTGAAATTGAAAGCTATGCCTATACAGAAGATGAC
CTCATGCTGTAAGTGGAAAAGGGCAATGACTCCTTAAAGACAGATGAACGGATCTCACTCTCCAGTTC
CTCATTACAGGAATTCACACCACCACCAAACTGGCTTTCTACAGCAGCACAGGCTGGTACAACCGTCTC
TACATTAATTTACGTTGCGTCGCCACATCTTCTTCTTCTGCTCCAACTTATTTCCCCGCTACCTG
ATGGTCATGCTGTCTGGGTGTCCTTCTGGATCGACCGCAGAGCCGTGCCTGCCAGAGTCCCCTTAGGT
ATCACAACGGTGTGACCATGTCCACCATCATCAGGGCGTGAATGCCTCCATGCCGCGCTCTCTAC
ATCAAGGCGTGGACATCTACCTCTGGGTGAGCTTTGTGTTTCGTGTTCTCTCGGTGCTGGAGTATGCG
GCCGTAACCTACCTGACCACTGTGCAGGAGAGGAAGGAACAGAAGCTGCGGGAGAAGCTTCCCTGCACC
AGCGGATTACCTCCGCCCGCACTGCGATGCTGGACGGCAACTACAGTGTGGGGAGGTGAATGACCTG
GACAACTACATGCCAGAGAAATGGAGAGAAGCCCGACAGGATGATGGTGCAGCTGACCCTGGCCTCAGAG
AGGAGCTCCCCACAGAGGAAAAGTCAGAGAAGCAGCTATGTGAGCATGAGAATCGACACCACGCCATT
GATAAATACTCCAGGATCATCTTTCCAGCAGCATACATTTTATTCATTTAATACTGGTCTATTTTC
TCCTAG
```

**Restriction Sites:** Sgfl-Mlul



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**Plasmid Map:**


**ACCN:** NM\_001256704

**Insert Size:** 1179 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\\_001256704.1](#)

**RefSeq Size:** 3276 bp

RefSeq ORF:	1179 bp
Locus ID:	2569
UniProt ID:	<a href="#">P24046</a>
Cytogenetics:	6q15
Protein Families:	Druggable Genome, Ion Channels: Cys-loop Receptors, Transmembrane
Protein Pathways:	Neuroactive ligand-receptor interaction
MW:	45.5 kDa
Gene Summary:	<p>GABA is the major inhibitory neurotransmitter in the mammalian brain where it acts at GABA receptors, which are ligand-gated chloride channels. GABRR1 is a member of the rho subunit family. Several transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Feb 2012]</p> <p>Transcript Variant: This variant (3) contains an alternate exon compared to variant 1, that causes a frameshift. The resulting isoform (c) is shorter at the N-terminus compared to isoform a. Variants 3 and 4 both encode the same isoform (c). Sequence Note: This RefSeq record was created from transcript and genomic sequence data to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments.</p>