

## Product datasheet for **SC209579**

### **GABRA2 (NM\_001114175) Human 3' UTR Clone**

#### **Product data:**

Product Type:	3' UTR Clones
Product Name:	GABRA2 (NM_001114175) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	GABRA2
Synonyms:	DEE78; EIEE78
ACCN:	NM_001114175
Insert Size:	2000 bp



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**Insert Sequence:** >SC209579 3'UTR clone of NM\_001114175  
 The sequence shown below is from the reference sequence of NM\_001114175. The complete sequence of this clone may contain minor differences, such as SNPs.  
 Blue=Stop Codon Red=Cloning site

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAGCGATCGCC
AGAGAACCTGTATTAGGGGTCAGTCCTTGAATTGAGACCCATGTTATCTTTGGGATGTATAGCAACATT
AAATTTGGTTTGTGTTTGTATGTACAGTCTGACTAATAACTGCTAATTTGTGATCCAACATGTACAGTA
TGTATATAGTGACATAGCTTACCAGTAGACCTTAAATGGAGACATGCATTTGCTAACTCATGGAAGTGC
AGACAGAAAGCACTCCATGCGAAAACAGCCATTGCCTTTTTTAAAGATTTACCCTAGGACCTGATTTAA
AGTGAATTTCAAGTGACCTGATTAATTTCTATTCTTCCAAATGAGATGAAAATGGGGATCTGTACAA
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ATGAGTGCTCAGAGTCCCTGCTAATGTAATTGGAAGCTTGGTACACATAAGAAAACTAGAGATTTGAA
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TTATGAGTCAGCCGAAAGGATGTTAATTATGCCTACGATGTAATAACTATTGGAATGTCATGGTCATT
ACATTTTGTAGCTTACAGAGTTTATTTGAAAGTAATAATTGAAATCCTACAATTTATTTTAAATCATTGGAA
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GATCAGCTAAATTTACGGGTGCTGGAGACTGGAAAAGCATCCAGTTTGGTTGCTGTGGAGCAACATG
CATATTGGATTAGAAAATGTGCCAAAACCTCCACTGATGAGAATTCATAGGTGCCACACTATGAC
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AGAAGCCACTAATTATAAAGAAAAGGGCAGTTAATTGGCACATTTTCTCTTGTGAAAGCAGTTCTTTC
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AGCTTTGTATAACAGAAGAGTTTTGGTAAGGGTTGAACATTTTACACTGCAACTTTAAAAACATCACC
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TAAATTAGAAAACACAATTTAAATTTTATATAATTAAGTATTAAATGGGTAAATTCATTTTCTT
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AGATTCAAAGTTTTTGGCAAACCTCAAATACTTTTGATTGACATGTACATTAGCAGTTATTAGTTGACT
TTTACTAAAACATGCACCTTTACGATGGTGTGTTTGTAGAAAACATAAGTAGTCAAATAGTAACATTTAT
TGCAGTTTTGTACAGTATTTGAGTATAGTGCATAAATAGGTATGTTCAAAAATCAATAAAGGAGTAT
CTATGGAAATAAGCAAAATATCAGCAAAAATTGCTATTCTTTGCCTCATTAAATTTTAAATTTCTT
TGTTTCCATGTGATTCTATTATATGCTTTGCATGCTTGTATAAAACCAAGGTCACAAATGCAACTTATT
AACGGAATTTGCCAAGAAGACAGCCTTGACATTAATAATCCCTCACAAGAGGTAATCCATAATCCCTTA
ATAAAATAAATTTGTACATGAGCCAATAAATGATTTCTTTAATTTCCCTTCCAGTAACACTTTCTTTG
TCACCTAGTTTTAAATGTGCACCTTTATCATAACATTGAAATAGAAGATATCCTATTTTCTTATACAT
ACGCGT AAGCGGCCGCGGCATCTAGATTCGAAGAAAATGACCGACCAAGCGACGCCAACCTGCCATCA
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\\_001114175.3](#)

**Summary:** 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. At least 16 distinct subunits of GABA-A receptors have been identified. Alternatively spliced transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Nov 2013]

**Locus ID:** 2555

**MW:** 77.9