

Product datasheet for **SC119670**

GABA A Receptor alpha 3 (GABRA3) (NM_000808) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	GABA A Receptor alpha 3 (GABRA3) (NM_000808) Human Untagged Clone
Tag:	Tag Free
Symbol:	GABA A Receptor alpha 3
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL4</u>
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF: >OriGene ORF within SC119670 sequence for NM_000808 edited (data generated by NextGen Sequencing)

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ATGATAATCACACAAACAAGTCACTGTTACATGACCAGCCTTGGGATTCTTTTCCTGATT
AATATTCTCCCTGGAACCACTGGTCAAGGGGAATCAAGACGACAAGAACCCGGGGACTTT
GTGAAGCAGGACATTGGCGGGCTGTCTCCTAAGCATGCCCCAGATATTCTGATGACAGC
ACTGACAACATCACTATCTTCACCAGAACTTTGGATCGTCTTCTGGACGGCTATGACAAC
CGGCTCGGACCTGGGCTTGAGATGCAGTGAAGTGAAGACTGACATCTACGTGACC
AGTTTTGGCCCTGTGTCAGACACTGACATGGAGTACACTATTGATGTATTTTTTCGGCAG
ACATGGCATGATGAAAGACTGAAATTTGATGGCCCATGAAGATCCTTCCACTGAACAAT
CTCCTGGCTAGTAAGATCTGGACACCGGACACCTTCTCCACAATGGCAAGAAATCAGTG
GCTCATAACATGACCACGCCAACAAGCTGCTCAGATTGGTGGACAACGGAACCCCTCTC
TATACAATGAGGTTAACAATTCATGCTGAGTGTCCCATGCATTTGGAAGATTTTCCCATG
GATGTGCATGCCTGCCACTGAAGTTTGGAAAGCTATGCCTATACAACAGCTGAAGTGGTT
TATTCTTGGACTCTCGGAAAGAACAATCCGTGGAAGTGGCACAGGATGGTTCTCGCTTG
AACCAGTATGACCTTTTGGGCCATGTTGTTGGGACAGAGATAATCCGGTCTAGTACAGGA
GAATATGTCGTCATGACAACCCACTTCCATCTCAAGCGAAAAAATTGGCTACTTTGTGATC
CAGACCTACTTGCCATGTATCATGACTGTCATTCTGTCAAGTGTGTTCTGGCTCAAC
AGAGAGTCTGTTCTGCCGTACAGTCTTTGGTGTCAACTGTGCTTACCATGACCACC
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AAGAAGAAAACACCAGCAGCCCCAGCAAGAAAACCCAGCACTACCTTCAACATCGTGGGG
ACCACCTATCCCATCAACTGGCCAAAGGACACTGAATTTTCCACCATCTCAAGGGCGCT
GCTCCCAGTGCCTCAACCCCAACAATCATTGCTTCAACCAAGGCCACCTACGTGCAG
GACAGCCGACTGAGACCAAGACCTACAACAGTGTGAGCAAGGTTGACAAAATTTCCCGC
ATCATCTTCTGTGCTCTTTGCCATATTCAATCTGGTCTATTGGGCCACATATGTCAAC
CGGGAGTCAGCTATCAAGGGCATGATCCGCAAACAGTAG
    
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Clone variation with respect to NM_000808.3
1026 a=>g

5' Read Nucleotide Sequence:

>OriGene 5' read for NM_000808 unedited

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NNGGTTTGAATTTGTATACGACTCACTATAGGCGGCCGCGNAATTCGCACGAGGGAGAGA
GAGAGAGAGAGCGAGAGAGCGTGTAGCGCGCGCAAGCTAGCGAGCAAACCAGAGAGACAGA
CCGAGAGAGGGACCAGGAGAGAGACCCAGAGAGAGAAGAAGAAGCCAGAAGCCGAGCTCT
GTCAGGGCTCAACCTCCAACCTGTTTCAGTTCATTCATCCTTCTCTCCTTTCCGCTCAGA
CTGTAGAGCTCGGTCTCTCCAAGTTTGTGCTAAGAAGATGATAATCACACAAACAAGTC
ACTGTTACATGACCAGCCTTGGGATTCTTTTCTGATTAATATTCTCCCTGGAACCACTG
GTCAAGGGGAATCAAGACGACAAGAACCCGGGGACTTTGTGAAGCAGGACATTGGCGGGC
TGCTCTCAAGCATGCCCCAGATATTCCCTGATGACAGCACTGACAACATCACTATCTTCA
CCAGAATCTTGGATCGTCTTCTGGACGGCTATGACAACCGGCTGCGACCTGGGCTTGGAG
ATGCACTGACTGAAGTGAAGACTGACATCTACGTGACCAGTTTTGGCCCTGTGTCAGACA
CTGACATGGAGTACACTATTGATGTATTTTTTCGGCAGACATGGCATGATGAAAGACTGA
AATTTGATGGCCCATGAAGATCCTTCCACTGAACAATCTCCTGGCTAGTAAGATCTGGA
CACCGGACACCNTTCTCCACATGGCAAGAAATCAGTGGCTCATAACATGACCACGCCCA
ACAGCTGCTCAGATTGGGTGACANCGGNNACCCTNCTCTATCAATGGAGGTAACATTCA
TGCTGAGTGTCCATGCATTTGGAGATTNTCCATGGATGTGCATGCCTGCCCACTGAGTT
GGAAGCTATGCTATACACAGCTGAATGGTNTATNCTTGGACTCTCGAAGAACAA
    
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RefSeq:	NM_000808.2 , NP_000799.1
RefSeq Size:	1901 bp
RefSeq ORF:	1479 bp
Locus ID:	2556
UniProt ID:	P34903
Cytogenetics:	Xq28
Domains:	Neur_chan_memb, Neur_chan_LBD
Protein Families:	Druggable Genome, Ion Channels: Cys-loop Receptors, Transmembrane
Protein Pathways:	Neuroactive ligand-receptor interaction
Gene 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. [provided by RefSeq, Jul 2008]