

Product datasheet for **MC202399**

Gabra5 (NM_176942) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Gabra5 (NM_176942) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Gabra5
Synonyms:	A230018I05Rik
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >BC062112 sequence for NM_176942
 AGAGGTGAGAGCGAGCGGAGTCCGCCGGGGGCGCTGGGGGAATCTGCAGCGGGCAACGCGCGCCTCA
 GGCGGGCGCGGAACAGAGCCGCAAGGCGGCAGCGGGAGCGCAGGGCTCCGGGGCTCCTCGGCGCCGAGC
 GCCGGGAAGTTCGCTCCGGCAGTATGGGGCGGTGACACCGCACCAGCCAGCCGCGCAGGGACAGCGGGC
 GGCGGCAAGCAGGATGCGCCCTCGCCGACGGCTCGCCAGCCGGGGCCCGCGCTAGGCGTCAAGATCAA
 GTTGGAGGCAAGAACAGTTTTTCTTCAAATTCATCTGCTTACTATTATTTCTACTGGGAATGGACAA
 TGGAACTGCTCTAGATTTATCATGACCCAAACCCTCCTTGTCTTGTATTTCCATGACCTTATCCAGT
 CACTTTGGCTTTTCGCAAATGCCAACTAGTTCTGTACAAGACGAGACCAATGACAACATCACAATATTC
 CCAGGATCTTGGACGACTCTTGGATGGCTATGACAACAGACTGCGGCCTGGGCTGGGAGAGCAATCAC
 GCAGGTGCGAACAGACATCTATGTTACCAGCTTTGGCCAGTGTCTGACACGAAATGGAATATACCATC
 GATGTGTTTTTCCGGCAAAGCTGAAAGATGAAAGGCTGCGGTTTAAGGGCCCCATGCAACGCTCCCTC
 TCAACAACCTTCTTCCAGCAAATCTGGACTCCAGACACGTTCTCCACAACGGCAAGAAGTCCATTGC
 ACACAACATGACGACACCCAACAAGCTGCTGAGGCTGGAGGATGATGGCACACTTCTACACCATGCGT
 CTGACAATCTCTGCTGAGTGCCCAATGCAGCTTGAGGACTTTCCAATGGATGCCCATGCCTGTCCCCTGA
 AATTTGGCAGTTATGCTTACCCTAATTCTGAAGTTGTCTATGTTTGGACCAATGGCTCCACCAAGTCTGT
 GGTGGTGGCAGAAGATGGCTCCAGGCTCAACCAGTACCACCTCATGGGGCAGACAGTAGGCACTGAGAAC
 ATCAGCACCGACAGGTGAATATACGATCATGACTGCTCACTTCCACCTGAAGAGGAAGATAGGCTACT
 TTGTATCCAGACCTACCTTCCCTGCATCATGACTGTCATCTTATCCCAGGTGTCCTTTTGGCTAAATCG
 AGAATCTGTCCCAGCTAGGACAGTTTTTGGAGTGACCACAGTGTGACCATGACAACACTCAGCATCAGT
 GCCCGAATTCGCTGCCCAAAGTGGCCTATGCCACAGCCATGGACTGGTTCATTGCTGTCTGCTATGCAT
 TTGCTTCTCTGCTCTGATTGAATTTGCCACAGTCAACTACTTTACAAGAGAGGATGGGCTGGGATGG
 CAAGAAAGCCCTGGAAGCAGCTAAAATAAAGAAAAAAGAACGCGAACTCATACTAAATAAGTCAACAAAT
 GCTTTTACAACCTGAAAGCTGACCCATCCTCAAACATCCAAAAGAGCAGCCTCCAGCTGGGACCGCGA
 ATGCACCCACAGTCTCCATCAAAGCTTCTGAAGAGAAAGACTGCGGAGAGTAAAAAGACATACAACAGCAT
 CAGCAAGATCGACAATAATGTCCCGGATTGTGTTCCCATCTTGTGGCACTTTCAACTAGTTTACTGG
 GCAACATATTTGAATAGAGAGCCGTGATAAAAGGGGCCACCTCTCAAAGTAACTAGGAAACCCCACT
 CCCACAGAAATGAAACTGCGGAGAGAGCCGAGCTCACAGAGACTCTCTGGGCGTGTCTTTCAGGAAAT
 TTTGCATGTTAATAATATGTACAATAATATTGCCTTGATGTTTCTACGTGTAACCTCAAATGTTTCAA
 GGATGTACCTTAATAAACCAAGCAAATGGCCTTCTAGAACAACGATGGGAGGCAATGACTGACTCTCAG
 ATGCTCAGCGCCCTAACATCAATAGTTTACAACGAGAGAAGTATATTTTTAACTGTTCTGAGTATATGA
 CATTTTTATACTTCGAATGCCATTTTCATACGGTTTTTCCAGCCAACAGAACATTTTAGGGAACCCCTGT
 GATGACCACTTACAGGTGAAAAAAGCAAAGTCTGGGGTACACGCTGTTAATGAAGACAAACTGTG
 GACATTTAAGTCCAGTACGAATTGCCTTAAACAATTTCTTGTCTGAAATTAGAAAACACTACTGCATGA
 ACTGACATTAAGAAATAGAATAAGCAAACATTTATGCAGACAAATTTAATGACAAGCACATAGTGTCTTA
 GATTAGCAGATCAAATACTTCCCAAGGAAAAGAAATCAACTAATTCAAAGTTAATTTGGTTTTGGTG
 GAAAAATAATATTTCTTACCCTATCCCAACACCTCAACAACCTTAATAATGACTAAGAAAAAACCAA
 TCTTAAACCTTAAAGCAACGAGGCCTTGGTCTTTGGAGGAGAACCTTTGAACATTGTTTCTGGACGC
 CGGCTCCTCTTGTGCCGATTGAGGCTGAGAAATGTAAGTGAAGTATTTTCTGTTTTATTGCCCTGTA
 CATATTTTCATGATTGGATTATCGCTCTGTTAGCTTTTGTATATGAATCTTAAATGTTCAATAAAAAATG
 TAAAAATCAAAAAAAAAAAAAAAAAAAAAA

Restriction Sites: Ascl-NotI

ACCN: NM_176942

Insert Size: 1392 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:	<ol style="list-style-type: none">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:	<u>BC062112</u> , <u>AAH62112</u>
RefSeq Size:	2689 bp
RefSeq ORF:	1392 bp
Locus ID:	110886
UniProt ID:	<u>Q8BHJ7</u>
Cytogenetics:	7 33.52 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]