

Product datasheet for **MC215936**

Gabra6 (NM_001099641) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Gabra6 (NM_001099641) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Gabra6
Synonyms:	alpha6; GABA-ARalpha6; Gabra-6
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >MC215936 representing NM_001099641
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGTCTTGCTTCTCCCCTGGCTCTTCATTATTCTATGGCTAGAAAATGCCCAAGCTCAACTTGAAGATG
 AAGGCAACTTCTACTCTGAAAATGTCAGTCGGATTCTTGACAACCTGCTGGAAGGCTATGACAACCGTCT
 ACGGCCAGGATTTGGGGGTGCTGTAAACAGAAGTCAAAACAGACATCTATGTGACCAGCTTTGGACCTGTG
 TCAGATGTGGAGATGGAGTATACAATGGATGTTTTCTCCGCCAGACTTGGACTGATGAGAGACTGAAAT
 TTAAGGCCCTGCTGAGATTCTGAGCTTAAATAACTTGTGGTCAAGATCTGGACTCCTGACTTTT
 TTTCCGGAATGGGAAAAGTCAATTGCTCACAACATGACCACCCCAACAAGCTCTCCGATTAATGCAG
 AATGGAACAATCCTCTATACCATGAGGCTCACCATCAACGCTGATTGCCCATGAGATTGGTTAACTTCC
 CTATGGATGGACACGCTTGTCCACTCAAGTTGGGAGCTATGCTTATCCTAAAAGTAAAATCATATATAC
 ATGGAAAAAGGACCACCTTACTCAGTAGAAGTCCCAGAAGAATCTTCTAGCCTCCTCCAGTATGATTTG
 ATTGGGCAACAGTTTCTAGTGAGACAATTAATCTAACACTGGTGAATATGTAATCATGACAGTCTATT
 TCCACTTACAAAGGAAGATGGGCTATTTTCATGATCCAGATATACACTCCGTGCATCATGACAGTCATTCT
 TTCTCAAGTGTCTTTCTGGATTAATAAGGAGTCAGTCCCAGCAAGAACTGTCTTTGGAAATCACCAGTGT
 TTAACCATGACCACCTTAAGCATCAGTGTCTCGGCACTCTACCCAAAGTGTCTATGCAACCGCCATGG
 ATTGGTTCATAGCTGTATGCTTTGCTTTTGTCTTTCTGCTCTCATTGAATTCGACAGTGTCAACTACTT
 CACCAATCTCCAGTCACAGAAGGCTGAAAGGCAGGCACAACTGCAGCCACGCCCCCTGTGGCAAAGTCA
 AAAGCGTCTGAATCCCTGCAAGCAGAGATTGTTGTGCATTCTGACTCCAAGTACCATCTGAAGAAGAGAA
 TCAGCTCTCTGACTTTGCCCATCGTTCCATCTTCTGAGGCCAGCAAAGCCCTCAGTAGAAGCCTTCTT
 AAAATCGACGCCTGTCTCTCCCCATTGCTCTTACCAGCCACTGGGGGCACCAGCAAAATAGATCAGTAT
 TCTCGAATTCTCTCCAGTAGCTTTTGCAGGATTCAACCTGTGTACTGGATAGTTTACCTTTCCAAAG
 ATACAATGGAAGTGAGCAGTACTGTTAG**TAG**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-Mlul

ACCN: NM_001099641

Insert Size: 1362 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_001099641.2](#), [NP_001093111.1](#)
RefSeq Size: 2505 bp
RefSeq ORF: 1362 bp
Locus ID: 14399
UniProt ID: [P16305](#)
Cytogenetics: 11 25.03 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]
Transcript Variant: This variant (1) encodes the longer isoform (1).