

Product datasheet for **MC215937**

Gabrd (NM_008072) Mouse Untagged Clone

Product data:

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| Product Type: | Expression Plasmids |
| Product Name: | Gabrd (NM_008072) Mouse Untagged Clone |
| Tag: | Tag Free |
| Symbol: | Gabrd |
| Synonyms: | AI853201 |
| Vector: | pCMV6-Entry (PS100001) |
| E. coli Selection: | Kanamycin (25 ug/mL) |
| Cell Selection: | Neomycin |



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Fully Sequenced ORF: >MC215937 representing NM_008072
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGC**

ATGGACGTTCTGGGCTGGCTGCTGCTGCCGCTCCTGCTGCTGTCACGCAGCCGACCATGGCGCCAGGG
 CAATGAATGACATTGGGGACTACGTGGGCTCCAACCTGGAAATATCCTGGCTCCCAACCTGGATGGCTT
 AATGGAGGGCTATGCCCCAACTTCCGACCAGGCATTGGAGGTGCTCCTGTGAATGTGGCGCTTGCCCTA
 GAGGTGGCCAGCATTGACCATATCTCAGAGGCAAACATGGAATACACCATGACTGTGTTCTGCATCAGA
 GCTGGCGGGACAGCAGGCTGTCTACAACCATACCAACGAGACCTTAGGCCTGGACAGCCGCTTTGTGGA
 CAAGCTATGGCTCCCTGACACCTTCATCGTGAATGCCAAATCTGCCTGGTTCCATGATGTGACTGTGAA
 AACAGCTTATCCGCTACAGCCTGATGGGGTGATTTTATACAGCATCCGCATCACCTCCACAGTGGCCT
 GTGACATGGACCTCGCCAAGTACCACTGGATGAGCAGGAGTGCATGCTGGACCTAGAGAGCTATGGCTA
 CTCTTCTGAGGACATTGTCTATTATTGGTCAGAAAACCAGGAGCAGATCCATGGGCTGGACAGGCTGCAG
 CTGGCCAGTTCACTATACCAAGTACCGCTTCACCACGGAGCTGATGAACCTCAAATCGGCTGGCCAGT
 TCCACAGGCTCAGCTTACACTTCAGCTTCGGAGGAACCGGGGCGTCTACATCATCCAGTCTTACATGCC
 CTCTGTCTCCTGGTTGCCATGTCTGGGTCTCCTTCTGGATTAGCCAGGCAGCCGTGCCTGCCAGAGTA
 TCTCTAGGCATCACCACTGTGCTGACAATGACCACGCTCATGGTCAGTGGCCGCTCCTCCCTGCCACGGG
 CTTCAAGCTATCAAAGCTCTGGATGTGTATTTTGGATCTGCTACGCTTTTGTGTTTGGCTGCCCTGGTGA
 GTATGCATTTGCCCACTCAATGCCGACTACAGGAAGAAACGGAAGCAAGGTCAAGGTACCAAGCCA
 AGGGCAGAGATGGATGTGAGGAACGCCATCGTCCTTTCTCCCTCTCAGTGTGGGGTCAGTCAGGAGT
 TGGCTATCTCCGTCGTCAAGGCCGGTCCCTGGGAACCTCATGGTTTCTATAGGTCTGTGGAAGTGGA
 GGCAAAGAAGGAGGGGGGTCCCGCCAGGGGGCCAGGAGGAATCCGTTCCAGACTCAAACCCATCGAT
 GCAGACACCATCGACATCTATGCCCGCGCGCTTCCCGGCAGCTTTTGAGCGGTCAACATCATCTACT
 GGGCGCGGTACACCATG**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_008072

Insert Size: 1350 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_008072.2](#), [NP_032098.2](#)

RefSeq Size: 1896 bp

RefSeq ORF: 1350 bp

Locus ID: 14403

UniProt ID: [P22933](#)

Cytogenetics: 4 E2

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]