

Product datasheet for **MC201592**

Gabrp (NM_146017) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Gabrp (NM_146017) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Gabrp
Synonyms:	MGC38123
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >BC023693 sequence for NM_146017
 CCACGCGTCCGGACTGGGTGCATACTTAACACCCAAAGAGTCAGGACTGAGATGAAAAGGACCCTGGAGA
 CCCAAAAGAGTATGCTCTGTGTGAGAGTCTGCCTGAGATCTGGAACACCTGCTGTAACAGCTGCCTGG
 TGATTCCTCCTCAACCTTTTTGTGTGTAATCAGCTCCTCAACATGAGCTACAGCCTCTATTTGGCCT
 TCCTGTGTCTGAGTCTCCTCACTCAGAGGACGTGCATCCAGGGGAACCAGGTCAATGTGGAGGTGAGCAG
 AAGTGACAAGCTTTCTTACCTGGCTTTGAGAACCTCACTGCAGGATATAACAAATTTCTCAGGCCCAAT
 TTCGGTGGTGACCCAGTTCGGATAGCACTGACTCTGGACATCGCCAGCATCTAGCATCTCAGAGAGTA
 ACATGGACTACACAGCCACTATATACCTCCGGCAGCGTTGGACAGACCCACGGCTAGTGTTCTGAAGGCAA
 CAAGAGCTTTACTCTAGATGCCCGCCTTGTTGGAGTTCCTCTGGTGCCAGACACTTACATTGTAGAGTCC
 AAGAAGTCTTCTCCATGAAGTACAGTGGGAAACAGGCTCATCCGCCTTTCTCCAACGGCACAGTCC
 TGTACGCCTTAGAATCACAACAACAGTTACATGTAACATGGATCTGTCTAAATACCCCATGGACACACA
 GACCTGCAAGCTGCAGCTAGAAAGTTGGGGATACGATGGCAATGATGTGGAGTTCCTGGCTGAGAGGG
 AATGACTCGGTGCGTGGACTTGAACCTGCGCTTGCTCAGTACACAATCCAACAGTATTTACCCTGG
 TCACCGTATCCCAGCAGGAGACAGGAACTATACGAGATTGGTTTTGCAATTTGAGCTTCGGAGGAACT
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 ATCTCCCTCGATTGAGTTCCTGCGAGAAGCTGCATTGGAGTGACAACGGTGTATCCATGACAACCGTGA
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 CTGCTTACAGTTCGTGTTTGGGGCCTTACTGGAGTATGCAGTTGCTCACTACAGCTCCTTACAGCAGATG
 GCAGTCAAAGATAGGGGGCCAGCGAAGGACTCGGAAGAAGTCAATATCACCACATCATCAACAGCTCCA
 TCTCCAGCTTTAAACGGAAAGATTAGCTTTGCCAGCATTGAAATCTCTGGTGACAAATGCAACTATAGTGA
 CTTGACAATGAAAGCCAGCGACAAGTTTAAAGTTGTCTCCGAGAGAAGATCAGCAGAATCATTGATTAT
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 CCAATGTATTTTACTGGGCATACTACATGTATTTTGGAGACCCATTGAACTCTTGACATACATAATGAG
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 ATTCTAAGTTGTGTAGAAGCCCTAGTGTGACCAGATTCTATAATAGAGTCAATTAAAGGCAACCCTTTTC
 TTCTTCAATTTTGGACAGAACACCCCTCCACACACATACACAGAACCAAGACTGCGAACCTACTCAGG
 GCTATTTGCTCTCTGGATCCCTGGTCTGCATTCCTCCATAAAAAATGTGGGAAGATGATTACATATATA
 AGGGGTTTATTTCTAAAGAATTCATAGTCCACTGATTACATCTCTGTGGCCCTATAATATGCTCTCT
 TGCCTATTTAAACACCAGTGTCTTAAATTTTGTCTTCTTGAATATGAAATGTGGGTTTGCCTCAA
 TTCATTGGTGGTTACCTTGCCTCATCAACCTAATACCAGATGGGTTCTTAGTGTTATTTAATACCACAGA
 AGAATTGTCCCAAATTTCTAATACATCCTATTATTCACAATCAGATGTAATGAATAAAATTAGTGGAT
 CAATAAATCAAAGAAAAAACATAAATCCTTTGGGGTCCAGGGTTCATGCCGTTTTTCCACGTATCTT
 ATTATTTTGTCTTATACACCTTAGTCCTAACCTATGTAACCAACCTTTTCCACATCAGAAAAACGGGA
 GGAAGTTTGAACCTTGTCTGGATTCTAATACAGAATGCGTCCATGAAGACTTGTGAGTCAAGTGTGA
 CTAGCTAGCCACCTTACTCACATACTGGCTAGGAACCAAGTAGACCAGAGAGTGTCTGTCAACCTGTC
 CTCTCTGTGACCTGTTGACCAAGATGTGGGGAACATTTGCCGGTGGCAAAGGCCCTGCCTCCTTCAA
 AGAGGAGCTTTTATCCCTGTGCTCCAGTACTAGGCAGGAGTGTGTCTATTAGATAAGAAGCGGCACTA
 CTGGGACACAAGTAGCTTATCTTAAATAGTTACCTTTTCCCAACCTTTCTAGCTGGACTACTTTGAGTGG
 ATTACCCTGCCTGAGCAGCAGACCACTGGCCCTGACTGGTTCGACTGTTCTGAACGATGGAAAGACACA
 TTGCACAACCCACGTGAGCTGTCTTTCTGAGTTCAGCCAGGGTACCCTGACCTAGGAGCTCTTGTGTG
 CCCTCTCTCTCTTGTCCACGGGAATCGCCTATATAAGGTTCCAATGCAGCCTCAATTGTTTCAAAGA
 CTCTTGTGTCTTCAAGTCTTCCCTTCTTTCTAATGAACCCTCAGCTTTCCCTGTCTTTCTACAAC
 AAACCGGGGCTGTAGATGTTCTTCTTTCATGTCCTTACCTACGGGCCCTCCTTTTATCAGCATGGC
 TCTGCCATCGTCCGTTTCTGTGAGCTTGTGCTGGCGTTAACAGATGTTTCTATTTTAGGATTCCG
 CTTTGTTCATTGGAGTCACTCTAAGCTAGGTGTAGTTGCGCCATTAGAGTCTTAGTAGAATCTCTTT
 GTATTTGTATCTGTATACATTCCTAAGGGGAGGGCTAGGGGAGGGGAAGTGTGGTTGAGTGAGTA
 GGTACATCTGTGCAATTTTTTAAAAAATAAAATGTTTAAAAATATAAAAAAAAAAAAAAAAAAAAAA
 AA

Restriction Sites: RsrII-NotI
ACCN: NM_146017

Insert Size:	1323 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:	BC023693 , AAH23693
RefSeq Size:	3273 bp
RefSeq ORF:	1323 bp
Locus ID:	216643
UniProt ID:	Q8QZW7
Cytogenetics:	11 A4
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. In the uterus, the function of the receptor appears to be related to tissue contractility. The binding of this pI subunit with other GABA(A) receptor subunits alters the sensitivity of recombinant receptors to modulatory agents such as pregnanolone (By similarity).[UniProtKB/Swiss-Prot Function]