

Product datasheet for **RN208667**

Gabrr2 (NM_017292) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Gabrr2 (NM_017292) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Gabrr2
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>RN208667 representing NM_017292 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGC**C

ATGCCTTATTTATGAGACTCGCTTTGTTCTTGTGTTTGCCTGATGGCTTTGTGGAGAGCAGAAAACCA
GGAGGAAGAGATGGACAGGGCACCTGGAACATCCAAGCCAAGTCACTTGTATAAAAAGAACCTCGATGT
GACCAAGATCCGGACAGGAAAACCTCGGCCTGTCTCAGGGTAGAGGACCATGACTTCACCATGAGGCCA
GCCTTTGGAGGCCGGCCATCCCTGTGGGTGTGGACGTGCAGGTGGAGAGTCTGGACAGCATCTCCGAGG
TGGACATGGACTTCACCATGACCCTGTACCTGAGGCATTACTGGAGGGATGAGAGGCTGGCCTTTCCAG
CAGCAGCAACAGGAGCATGACCTTCGATGGCAGGCTGGTGAAGAAGATCTGGGTCCTGACGTCTTCTTT
GTTCACTCCAAAAGGTCAATTTACCCACGACACCACCACCGACAACATCATGCTGCGAGTGTTCGCGATG
GCCACGTGCTGTACAGCATGAGGATTACCGTCACTGCCATGTGCAACATGGACTTCAGCCACTTCCCCT
GGACTCCCAGACCTGCTCTTTGGAGCTAGAGAGCTACGCGTACACGGACGAGGATCTGATGCTGTACTGG
AAGAACGGGGATGAGTCCCTGAAGACGGACGAGAAGATCTCCTTGCCAGTTTCTGATCCAGAAGTTCC
ACAGACTTCCAGACTGGCCTTCTACAGCAGCACGGGCTGGTACAACCGTCTGTACATCAACTTCACTCT
GCGACGTACATCTTCTTCTTCTGCTCCAAACCTACTTCTGCCACCCTCATGGTCATGCTGTCTCTGG
GTGTCCTTCTGGATCGACCACAGAGCTGTGCCTGCTAGAGTTTCACTGGGCATCATGACGGTGTGACCA
TGTCCACCATCATCACGGGCGTGAACGCTCCATGCCTCGAGTGTCTACATCCGGGCCGTGGACATCTA
CCTCTGGGTGACGCTTTGTGTTCTGTTTCTCTCAGTGTGGAGTACGCAGCTGTCAACTACCTGACCACA
GTGCAGGAACAGAAGGAACGGAAGCTTCGGGACAAATTTCCATGCACGTGTGGAATGCTTCATTCAAGAA
CCATGACGCTGGATGGAAGCTACAGTGAATCTGAGGCCAACAGCCTGGCTGGCTACCCAAGAAGCCACAT
TCTTCCAGAAGAAGAAAGGCAAGACAAAATAGTGGTTTCATTTGGCCCTCAACAGTGAATTGACTTCATCC
AGAAAGAAAGGCTTCTCAAAGGCCAAATGGGACTCTATATCTCCAGAACACCCATGCCATTGACAAAT
ACTCCAGGTTGATATTTCTGCCTTCTACATAGTTTTCAACCTAATTTATTGGTCAGTGTTCCT**TAG**

AG**CGGACCG**ACGCGTACGCGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCC
TGGATTACAAGGATGACGACGATAAGGTTTAA



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Restriction Sites:	Sgfl-RsrII
ACCN:	NM_017292
Insert Size:	1398 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:	NM_017292.2 , NP_058988.1
RefSeq Size:	1757 bp
RefSeq ORF:	1398 bp
Locus ID:	29695
UniProt ID:	P47742
Cytogenetics:	5q21
Gene Summary:	may form bicuculline-insensitive GABA channels in the retina [RGD, Feb 2006]