

## Product datasheet for **RN214313**

### **Gabbr1 (NM\_031028) Rat Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Gabbr1 (NM_031028) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Gabbr1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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**Fully Sequenced ORF:** >RN214313 representing NM\_031028  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**GCGATCGCC**

ATGCTGCTGCTGCTGCTGGTGCCTCTCTTCCGCCCCCTGGGCGCTGGCGGGGCGCAGACCCCCAACG  
 CCACCTCGGAAGTTGCCAGATTACATCCGCCCTGGGAAGGTGGCATCAGGTACCGTGGCTTGACTCG  
 CGACCAGGTGAAGGCCATCAACTTCTGCTGTGGACTATGAGATCGAATATGTGTGCCGAGGGGAGCGC  
 GAGGTGGTGGGGCCCAAGGTGCGCAAAATGCCTGGCCAACGGCTCCTGGACGGATATGGACACACCCAGCC  
 GCTGTGTCCGAATCTGCTCCAAGTCTTATTTGACCCTGGAAAAATGGGAAGTTTTCTGACGGGTGGGGA  
 CCTCCCAGCTCTGGATGGAGCCCGGTGGAGTTCGATGTGACCCCGACTTCCATCTGGTGGCAGCTCC  
 CGGAGCGTCTGTAGTCAGGGCCAGTGGAGCACCCCAAGCCCACTGCCAGGTGAATCGAACGCCACACT  
 CAGAACGGCGTGCAGTATACATCGGGCGCTGTTCCCATGAGCGGGGGTGGCCGGGGGCCAGGCCCTG  
 CCAGCCCAGGTGGAGATGGCGCTGGAGGACGTTAACAGCCGCAGAGACATCCTGCCGGACTACGAGCTC  
 AAGCTTATCCACCACGACAGCAAGTGTGACCCAGGGCAAGCCACCAAGTACTTGTACGAACACTCTACA  
 ATGACCCCATCAAGATCATTCTCATGCCTGGCTGTAGTTCTGTCTCCACACTTGTAGCTGAGGCTGCCCCG  
 GATGTGGAACCTTATTGTGCTCTCATATGGCTCCAGTTCACCAGCCTTGTCAAACCGACAGCGGTTTCCC  
 ACGTTCTTCCGGACGCATCCATCCGCCACACTCCACAATCCCACCCGGGTGAAACTCTTCGAAAAGTGGG  
 GCTGGAAGAAGATCGCTACCATCCAACAGACCACCGAGGTCTTCACTCAACGCTGGATGACCTGGAGGA  
 GCGAGTGAAAGAGGCTGGGATCGAGTCACTTCCGACAGAGTTTCTTCTCGGATCCAGCTGTGCCTGTT  
 AAAAACCTGAAGCGTCAAGATGCTCGAATCATCGTGGGACTTTTCTATGAGACGGAAGCCCGGAAAGTTT  
 TTTGTGAGGTCTATAAGGAAAGGCTCTTTGGGAAGAAGTACGTCTGGTTCCTCATCGGTTGGTATGCTGA  
 CAACTGGTTCAAGACCTATGACCCGTCATCAATTGTACAGTGGGAAGAAATGACCGAGGCGGTGGAGGGC  
 CACATCACCGAGATTGTCATGCTGAACCTGCCAACACCCGAAGCATTTCGAACATGACGTCACAGG  
 AATTTGTGGAGAACTAACCAAGCGCTGAAAAGACACCCCGAGGAGACTGGAGGCTTCCAGGAGGCACC  
 ACTGGCCTATGATGCTATCTGGCCTTGGCTTTGGCCTGAACAAGACGCTCTGGAGGAGGTGGTCTTCC  
 GGCGTGCCTGGAGGACTTTAACTACAACAACCAGACCATTACAGACCAGATCTACCGGCCATGAACT  
 CCTCCTCTTTGAGGGCCTTTGGCCATGTGGTCTTTGATGCCAGCGGCTCCCGGATGGCATGGACT  
 TATCGAGCAGCTACAGGGCGGCAGCTACAAGAAGATCGGCTACTACGACAGCACCAAGGATGATCTTTCC  
 TGGTCCAAAACGGACAAGTGGATTGGAGGGTCTCCCCAGCTGACCAGACCTTGGTCATCAAGACATTCC  
 GTTTCCTGTCTCAGAAACTCTTTATCTCCGTCTCAGTTCTCTCCAGCCTGGGCATTGTTCTTGTCTTGT  
 CTGCTGTCTTTAACATCTACAACCTCCACGTTCTGTTATATCCAGAACTCCCAGCCCACTGAACAAT  
 CTGACTGCTGTGGGCTGCTCACTGGCACTGGTCTGTCTTCCCTCTCGGGCTGGATGGTTACCACATAG  
 GGAGAAGCCAGTCCCCTTTGTCTGCCAGGCCGCTTTGGCTCTTGGGCTTGGGCTTGTAGTCTGGGCTA  
 TGGCTCTATGTTACCAAGATCTGGTGGTCCACACAGTCTTACGAAGAAGGAGGAGAAGAAGGAGTGG  
 AGGAAGACCCTAGAGCCCTGAAACTCTATGCCACTGTGGCCTGCTGGTGGCATGGATGTCCTGACTC  
 TTGCCATCTGGCAGATTGTGACCCCTTGACCCGAACATTGAGACTTTTGCCAAGGAGGAACCAAAAGGA  
 AGACATCGATGCTCCATTCTGCCCCAGTTGGAGCACTGCAGCTCCAAGAAGATGAATACGTGGCTTGGC  
 ATTTTCTATGGTTACAAGGGGCTGCTGCTGCTGCTGGAATCTTTCTTGTCTTACGAAACCAAGAGCGTGT  
 CCACTGAAAAGATCAATGACCACAGGGCGTGGGCATGGCTATCTACAATGTCGCGGTCCTGTGTCTCAT  
 CACTGCTCCTGTGACCATGATCCTTTCCAGTCAAGCAGGACGCAGCCTTTGCCTTTGCCTCTCTGGCCATC  
 GTGTTCTCTTCTACATCACTCTGGTTGTGCTCTTTGTGCCCAAGATGCGCAGGCTGATCACCCGAGGGG  
 AATGGCAGTCTGAAACGCAGGACACCATGAAAACAGGATCATCCACCAACAACAACGAGGAAGAGAAGTC  
 CCGACTGTTGGAGAAGGAAAACCGAGAAGTGGAAAAGATCATCGCTGAGAAAGAGGAGCGCTCTGAA  
 CTGCGCCATCAGCTCCAGTCTCGGCAGCAACTCCGCTCACGGCGCACCCCAACACCCCAAGATCCCT  
 CTGGGGCCCTTCCAGGGGACCCTGAGCCCCCTGACCGGCTTGTAGTGTGATGGGAGTCGAGTACATTT  
 GCTTTACAAG**TGA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

Chromatograms:	<a href="https://cdn.origene.com/chromatograms/ja1491_d06.zip">https://cdn.origene.com/chromatograms/ja1491_d06.zip</a>
Restriction Sites:	Sgfl-Mlul
ACCN:	NM_031028
Insert Size:	2883 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"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
RefSeq:	<a href="#">NM_031028.3</a> , <a href="#">NP_112290.2</a>
RefSeq Size:	4399 bp
RefSeq ORF:	2883 bp
Locus ID:	81657
UniProt ID:	<a href="#">Q9Z0U4</a>
Cytogenetics:	20p12
Gene Summary:	metabotropic G-protein-coupled receptor for gamma-aminobutyric acid (GABA) [RGD, Feb 2006]