

## Product datasheet for **RR208189**

### **Gabra3 (NM\_017069) Rat Tagged ORF Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Gabra3 (NM_017069) Rat Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Gabra3
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



[View online »](#)

**ORF Nucleotide Sequence:**

>RR208189 representing NM\_017069  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGCATCGCC**

ATGATAACCACACAAATGTGGCACTTCTATGTGACCAGAGTTGGACTTCTTCTTCTGATTAGTATTCTAC  
 CTGGAACCACTGGCCAAGGGGAGTCAAGACGACAAGAACCCTGGGACTTTGTGAAGCAAGATATTGGAGG  
 CCTCTCTCCCAAGCATGCCCCAGATATTCTGACGATAGTACAGATAACATCACTATCTTCACTAGAATC  
 TTGGATCGGCTTCTGGATGGCTATGACAACCGACTGCGACCTGGGCTTGGAGATGCACTGACTGAAGTGA  
 AGACAGATATCTATGTGACCAGTTTTGGCCCTGTGTCAGACACTGATATGGAATAACTATTGATGTGTT  
 TTTTAGACAGACATGGCATGATGAAAGACTGAAATTTGATGGACCAATGAAGATCCTTCCACTGAATAAT  
 CTTCTGGCTAGTAAGATATGGACTCCAGATACCTTCTCCACAACGGTAAAAATCAGTGGCTCACAAAT  
 TGACCACACCAACAAGCTGCTCAGACTGGTAGACAATGGGACCCTCCTCTATACAATGAGGTTAACAAAT  
 ACATGCTGAATGCCCTATGCATTTAGAAGATTTCCCATGGATGTGCATGCCTGTCCACTGAAGTTTGG  
 AGCTATGCCTATACCAAAGCTGAAGTAATTTATTCTTGGACTCTTGGGAAGAACAATCTGTGGAAGTAG  
 CTCAGGATGGCTCAGCCTGAATCAGTATGACTTGCTTGGTCATGTTGTTGGGACAGAGATAATCCGGTC  
 TAGTACAGGAGAAATATGTCGTCATGACAACCCACTTTCATCTGAAGAGAAAAATTGGCTACTTTGTCATC  
 CAGACCTACTTGGCATGTATCATGACTGTCATTCTGTCACAAGTTTCTTCTGGCTTAATAGAGAATCTG  
 TCCCTGCTCGCACAGTCTTTGGTGTACCACCTGTTCTCACCATGACCACCTTGAGTATCAGTGCCAGAAA  
 CTCTTTACCTAAAGTGGCATACGCGACGGCCATGGACTGGTTCATAGCCGCTCTGTTATGCCTTTGATTT  
 TCTGCAGTGAATTTGCTACTGTCACTACTTCAACAAGCGAAGTTGGGCTTGGGAAGGCAAGAAGG  
 TACCAGAGGCCCTGGAGATGAAGAAAAAACACCAGCAGCCCCAACCAAGAAAAACAGCACCACCTCAA  
 CATAGTGGGAACCACTATCCTATCAACCTGGCCAAGGATACTGAGTTCTCCACCATCTCCAAGGCTGCT  
 GCTGCTCCAGTCTTCTCACTCCAACAGTATTGCTTCCCCAAGACCACTTATGTGAAGACAGTC  
 CTGCTGAGACCAAGACCTACAACAGTGTGAGCAAGGTTGACAAAAATTTCCCGCATCATCTTCCCTGTGCT  
 CTTTGCCATATCAATCTTGTCTATTGGCCACATATGTGAACAGGGAATCCGCTATCAAGGGCATGATC  
 CGCAAACAG

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Protein Sequence:**

>RR208189 representing NM\_017069  
 Red=Cloning site Green=Tags(s)

MITTQMWHFYVTRVGLLLLLISILPGTTGQGESRRQEPGDFVKQDIGGLSPKHAPDIPDDSTDNITIFTRI  
 LDRLLDGYDNRLRPLGDAVTEVKTDIYVTSFGPVSDTMEYIDVFFRQWHDRLKFDGPMKILPLNN  
 LLASKIWTPTDFHNGKKSVAHNMTTPNKLLRLVDNGTLLYTMRLTIHAECPMHLEDFPMDVHACPLKFG  
 SYAYTKAEVIYSWTLGKNKSVEVAQDGSRLNQYDLLGHVVGTEIIRSSTGEYVVMTHFHLKRKIGYFVI  
 QTYLPCIMTVILSQVSFWLNRESVPARTVFGVTTVLMTTLSISARNSLPKVAYATAMDWFIAVCYAFVF  
 SALIEFATVNYFTKRSWAWEGKKVPEALEMKKKTPAAPTKKSTTFNIVGTTYPINLAKDTEFSTISKAA  
 AAPSASSTPTVIASPKTTYVQDSPAETKTYNSVSKVDKISRIIFPVLFIFNLVYWATYVNRSAIKGMI  
 RKQ

**TRTRPLEQKLI**SEEDLAANDILDYKDDDDKV

**Restriction Sites:**

Sgfl-Mlul



**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\\_017069.3](#), [NP\\_058765.3](#)

**RefSeq Size:** 1786 bp

**RefSeq ORF:** 1482 bp

**Locus ID:** 24947

**UniProt ID:** [P20236](#)

**Cytogenetics:** Xq37

**MW:** 55.4 kDa

**Gene Summary:** may mediate inhibitory GABA responses; may play a role in synaptic transmission in the visual cortex [RGD, Feb 2006]