

## Product datasheet for **MR221857**

### **Gabrr3 (NM\_001081190) Mouse Tagged ORF Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Gabrr3 (NM_001081190) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Gabrr3
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



[View online »](#)

**ORF Nucleotide Sequence:**

>MR221857 representing NM\_001081190  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGGTCCTGGCTGTTTGGTTGGTCTCCTCACCTACACCTGGATCACACTGATGCTGGATGCCTCTGCCA  
 TCAAGAAACCCCATCAGCAATGTCTCTTCCACGAAACAAACCCGCATCCGGGAAACTAGGATGAGGAA  
 AGACGACCTTACTAAAGTCTGGCACCTAAACGTGAACAACCTGTTGCACATTGAGGACCAGGATTCTCC  
 ACGAGGCTGGTGGAGGCTCACCAGTGCCCGTGGGTATAGATGTCCAGGTTGAAAGCATCGACAGCA  
 TTTAGAGGTCAACATGGACTTTACCATGACGTTTACCTCAGGCACTATTGGAAGGATGAGAGGCTCTC  
 CTTTCTAGCAGCAAAACAAAGCATGACCTTCGATCGCAGACTGCTCCAAAAGATCTGGGTGCCTGAT  
 ATCTTCTTTGTCATTCTAAAAGATCCTTCATCCAGCACACAACCGTGGAGAATATCATGCTTCGAGTAC  
 ATCCCGATGGGAATGTTCTATTCAGTCTCAGGATAACAGTTTCGGCCATGTGCTTCATGGACTTCAGCCG  
 CTTTCTCTGGACTCAGAAGTCTCTAGAGCTGGAAGCTATGCCTATAATGAAGAGGACCTAATG  
 CTCTACTGGAAACACGGCAACAAGTCTTAAACACGGAAGAGCGCATTTCCCTTTCTCAGTCTTCAATTG  
 AGGAGTTCAGCGCATCCAGTGGACTGGCTTTCTACAGCAGCACAGGGTGGTACTATAGACTGTTCAACAA  
 CTTTGTGTACGGAGGCACGTTTTCTTCTTGTCTGCAGACCTATTTCCAGCCATGTTGATGGTGATG  
 CTTTCTGGGTCTCTTCTGGATTGACCGGAGAGCTGTTCTGCAAGAGTTTCCCTGGGGATCACGACGG  
 TGCTCACCATGTCACAGTCGTACCCGGTGTGAGTGCCTCCATGCCCCAGGTGTCCTATGTCAAGGCGGT  
 GGATGTGTACATGTGGGTGAGTCCCTCTTGTGTTTCTGTCCGTCATTGAGTATGCAACTGTGAATTAC  
 CTCACCACAGTGGAGGAGTGGAAACAACCAACAGGAGGGGAAAGATATCTGGAATGTACCATATTGATG  
 CTGTTCAAGCCATGGCCTTCGATGGTTGCTACCATGACAGCGAGACTGATGTGGACCAGACTTCTTCTC  
 TCTACACTCAGAAGAGGACTCCATGAGTACAAAGTTTACAGGAAGCCCTGTGCAGATTCATCTCAGATA  
 AAAAGGAAATCCCTGGGAGGAAACGTTGGTAGAATCATCTGGAAAAACAACCACGTCATCGATACCTATT  
 CTAGAATTGATTTCCCCACCGTTTATATAATATTAATTTGTTTTACTGGGGTATATATGTG

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Protein Sequence:**

>MR221857 representing NM\_001081190  
 Red=Cloning site Green=Tags(s)

MVLAVWLVSFTYTWITLMLDASAIKKPHQQLSSPKQTRIRETRMRKDDLTKVWHPKREQLLHIEDHDFS  
 TRPGFGGSPVPVIGIDVQVESIDSISEVNMDFMTFYLRYHWKDERLSFPSTTNKSMTFDRRLQKIWVPD  
 IFFVHRSKRSFIHDTTVENIMLRVHPDGNVLSLRITVSAMCFMDFSRFPLDTQNCSELESYAYNEEDLM  
 LYWKHGNKSLNTEERISLSQFFIEEFSASSGLAFYSSTGWYYRLFINFVLRHVFFVFLQTYFPAMLMM  
 LSWVSWIDRRRAVPARVSLGITTVLTMSTVVTGVSASMPQVSYVKAVDVYMWVSSLFVFLSVIEYATVNY  
 LTTVEEWKQLNRRGKISGMYHIDAVQAMAFDGCYHDSSETDQTSFSLHSEEDSMSTKFTGSPCADSSQI  
 KRKSLGGNVGRIILENNHVIDTYSRIVFPTVYIIFNLFYWGIIYV

**TR**TRPLEQKLISEEDLAANDILDYKDDDDKV

**Chromatograms:**

[https://cdn.origene.com/chromatograms/mm9071\\_b06.zip](https://cdn.origene.com/chromatograms/mm9071_b06.zip)

**Restriction Sites:**

SgfI-MluI

**Cloning Scheme:**


**ACCN:** NM\_001081190

**ORF Size:** 1392 bp

**OTI Disclaimer:** The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. [More info](#)

**OTI Annotation:** This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.

**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\\_001081190.1](#), [NP\\_001074659.1](#)

**RefSeq Size:** 1456 bp

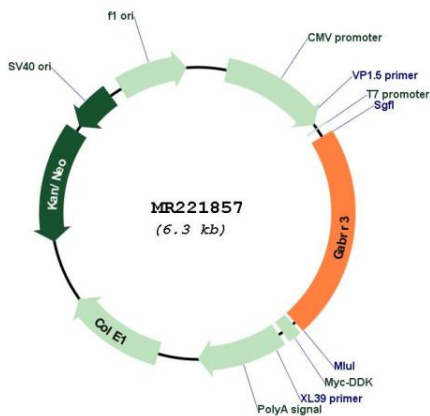
**RefSeq ORF:** 1395 bp

**Locus ID:** 328699

**Cytogenetics:** 16 C1.3

MW: 53.9 kDa

Product images:



Circular map for MR221857