

## Product datasheet for **MC220239**

### **Gab2 (NM\_001162477) Mouse Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Gab2 (NM_001162477) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Gab2
Synonyms:	A1463667; D130058117Rik; p97
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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**Fully Sequenced ORF:** >MC220239 representing NM\_001162477  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**GCGATCGCC**

ATGAGCGCGCGCGCGCGGACGACGTGGTGTGTACCGGCTGGCTGAGAAATCGCCTCCCGAGAAGAAGT  
 TGAGGCGCTATGCCTGGAAGAAACGCTGGTTTATACTTCGGAGTGGCCGAATGAGTGGAGATCCAGATGT  
 TCTGGAATACTACAAGAATGAGCACTCCAAGAAACCCCTGCGGATCATCAACCTGAACCTGTGTGAGCAG  
 GTGGATGCAGGCCTGACCTTCAACAAGAAAGAGCTGCAGGATAGTTTTGTGTTTATCAAGACCAGCG  
 AGCGCACATTTTACCTGGTGGCTGAGACAGAGGCTGACATGAATAAGTGGGTCCAGAGCATCTGCCAGAT  
 CTGCGGCTTCAATCAGGCTGAAGAGAGCACAGACTCCCTGAGGAACCTTTCTTCAGCCAGTCATGGTCCC  
 CGCTCTTCTCCAGCTGAGTTCAGCTCCAGTCAGCACCTGCTCCGAGAACGGAAGTCTCAGCCCCCTCAC  
 ACTCTAGCCAGCCTACTTTATTCAGTTTGTAGCCCCCTGTGTCAAGCCACATGCAGCCTACCTTGTCCAC  
 CAGTGCACCTCAGGAGTATCTCTACTTGCACCAGTGCATAAGCAGAAGGACAGAAAATGCAAGGAGTGCC  
 AGCTTCTCTCAGGGCACCCGGCAGAAGAGTGATACAGCTGTGCAAAAACCTTGCCAGAGCAATGGACACT  
 GTATCAACGCGCTCGGAGGTCAAGTCCATGGCTTCTATAGCCTTCCCAAGCCAAGCCGACACAATACAGA  
 ATTCAAAGACAGTACTTATGATCTCCCACGGAGCCTGGCTTCCCATGGCCACACCAAGAGCAGCCTCACA  
 GGGTCTGAGACTGATAACGAGGATGTGTACACCTTCAAGATGCCAGCAACACCTGTGTGCGGAACTTG  
 GAGACCTCCTTGTGGACAATATGGATGTCCAACCACTCCTCTCTCAGCCTACCAGATCCCTAGAACTTT  
 CACACTGGACAAGAACCACAATGCCATGACAGTGGCCACTCCTGGAGATTAGCCATAGCTCCCCACCC  
 CGGCCACCAAGCAAGTCAGGCAGAAACACCTCAATGGGGCAGCATTAGCAAAAGACCTCAATCAGCG  
 AAAATAGCAGATCTGTAGCTGCTACTATCCCCAGGCGCAATACCCTCCCTGCAATGGACAACAGCCGACT  
 CCATCGAGCTTCTTCTGTGAGACCTACGAGTACCCGGCACGAGGCAAGTGGGAAAGTGCCAGCTGGTCT  
 GCTGAACCTCCAGAAAGACTGCGGTAGTTCGATCAAATAGTGCCAGCTCTGATGACAACACTCGTGCCCA  
 TGAACCCAGGTTCTTCTACCCTGCTGGCTATGGAACGACCAGGGGACAACCTCCAGAGTGTCTACATCCC  
 CATGAGCCAGGACCCCATCACTTTGACCCACTTGGCTACCCGTCCACAGCCCTTCTATTACAGAGGC  
 CCCAGCCGAGGAAGTGAATCCAGCCACCCCGGTCAACCGAAACCTCAAGCCTGACAGAAAAGCAAAGC  
 CAACACCCCTTGACCTGAGAAACAACACTGTTCATCGATGAGCTGCCCTTCAAGTCACTGTACCAAGTC  
 TTGGTCCAGGATCAACCACCTTTAACTCCAGTTCCTCCAGTACTGCCGTCTATCTCCACACAGAGC  
 ATCACCAGCACAGACTCGGGAGACAGTGGGAGAACTATGTCCCTATGCAAAACCCAGTATCTGCATCCC  
 CTGTTCCAGTGGCACTAACAGCCAGCTCCAAAGAAGAGTACTGGCAGTGTGGATTATCTCGCCCTGGA  
 CTTCCAGCCGGGCTCCCCAAGCCCTCACCGCAAGCCATCCACATCATCTGTACATCAGATGAGAAGGTA  
 GACTATGTCCAAGTGGATAAAGAGAAGACCCAGGCCCTGCAGAACACCATGCAGGAGTGGACAGATGTGC  
 GGCAGTCTCCGAACCTTCAAGGGTGCCAAGCTG**TAA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAAGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM\_001162477
- Insert Size:** 1998 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:**

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\\_001162477.1](#), [NP\\_001155949.1](#)

**RefSeq Size:** 6005 bp

**RefSeq ORF:** 1998 bp

**Locus ID:** 14389

**Cytogenetics:** 7 E1