

## Product datasheet for **MC220240**

### **Gab2 (NM\_010248) Mouse Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Gab2 (NM_010248) 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:** >MC220240 representing NM\_010248  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGAGCGGCGGCCGGCGGACGACGTGGTGTGTACCGGCTGGCTGAGAAATCGCCTCCCGAGAAGAAGT  
 TGAGGCGCTATGCCTGGAAGAAACGCTGGTTTATACTTCGGAGTGGCCGAATGAGTGGAGATCCAGATGT  
 TCTGGAATACTACAAGAATGAGCACTCCAAGAAACCCCTGCGGATCATCAACCTGAACCTGTGTGAGCAG  
 GTGGATGCAGGCCTGACCTTCAACAAGAAAGAGCTGCAGGATAGTTTTGTGTTTATCAAGACCAGCG  
 AGCGCACATTTTACCTGGTGGCTGAGACAGAGGCTGACATGAATAAGTGGGTCCAGAGCATCTGCCAGAT  
 CTGCGGCTTCAATCAGGCTGAAGAGAGCACAGACTCCCTGAGGAACCTTTCTTCAGCCAGTCATGGTCCC  
 CGCTCTTCTCCAGCTGAGTTCAGCTCCAGTCAGCACCTGCTCCGAGAACGGAAGTCTCAGCCCCCTCAC  
 ACTCTAGCCAGCCTACTTTATTCAGTTTGTAGCCCCCTGTGTCAAGCCACATGCAGCCTACCTTGTCCAC  
 CAGTGCACCTCAGGAGTATCTCTACTTGCACCAGTGCATAAGCAGAAGGACAGAAAATGCAAGGAGTGCC  
 AGCTTCTCTCAGGGCACCCGGCAGAAAGAGTGATACAGCTGTGCAAAAACCTTGCCAGAGCAATGGACT  
 GTATCAACGGCGTCGGAGGTCAAGTCCATGGCTTCTATAGCCTTCCCAAGCCAAGCCGACACAATACAGA  
 ATTCAAAGACAGTACTTATGATCTCCCACGGAGCTGGCTTCCCATGGCCACACCAAGAGCAGCCTCACA  
 GGGTCTGAGACTGATAACGAGGATGTGTACACCTTCAAGTGGCCAGCAACCCCTGTGTCCGGAACCTTG  
 GAGACCTCCTTGTGGACAATATGGATGTCCAACCACTCCTCTCTCAGCCTACCAGATCCCTAGAACTTT  
 CACACTGGACAAGAACCACAATGCCATGACAGTGGCCACTCCTGGAGATTAGCCATAGCTCCCCACCC  
 CGGCCACCAAGCAAGTCAGGCAGAAACACCTCAATGGGGCAGCATTAGCAAAAGACCTCAATCAGCG  
 AAAATAGCAGATCTGTAGCTGCTACTATCCCCAGGCGCAATACCCTCCCTGCAATGGACAACAGCCGACT  
 CCATCGAGCTTCTTCTGTGAGACCTACGAGTACCCGGCACGAGGCAAGTGGGAAAGTGCCAGCTGGTCT  
 GCTGAACCTCCAGAAAGACTGCGTAGGTGATCAAATAGTGCCAGCTCTGATGACAACACTCGTGCCCA  
 TGAACCCAGGTTCTTCTACCCTGCTGGCTATGGAACGACCAGGGGACAACCTCCAGAGTGTCTACATCCC  
 CATGAGCCAGGACCCCATCACTTTGACCCACTTGGCTACCCGTCCACAGCCCTTCTATTACAGAGGGC  
 CCCAGCCGAGGAAGTGAATCCAGCCACCCCGGTCAACCGAAACCTCAAGCCTGACAGAAAAGCAAAGC  
 CAACACCCCTTGACCTGAGAAACAACACTGTCATCGATGAGCTGCCCTTCAAGTCACTGTACCAAGTC  
 TTGGTCCAGGATCAACAGCCACACCTTTAACTCCAGTTCTCCAGTACTGCCGCTCTATCTCCACACAG  
 AGCATCACCAGCACAGACTCGGGAGACAGTGGGAGAACTATGTCCTATGCAAAACCCAGTATCTGCAT  
 CCCTGTTCCAGTGGCCTAACAGCCAGCTCCAAGAAGAGTACTGGCAGTGTGGATTATCTCGCCCT  
 GGACTTCCAGCCGGGCTCCCCAAGCCCTCACCGCAAGCCATCCACATCATCTGTACATCAGATGAGAAG  
 GTAGACTATGTCCAAGTGGATAAAGAGAAGACCCAGGCCCTGCAGAACCCATGCAGGAGTGGACAGATG  
 TGCGGCAGTCTCCGAACCTTCAAGGGTGCCAAGCT**GTA**A

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** Sgfl-MluI
- ACCN:** NM\_010248
- Insert Size:** 2001 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\\_010248.2](#), [NP\\_034378.2](#)

**RefSeq Size:** 6008 bp

**RefSeq ORF:** 2001 bp

**Locus ID:** 14389

**Cytogenetics:** 7 E1