

Product datasheet for **RN207738**

Gab1 (NM_001108444) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Gab1 (NM_001108444) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Gab1
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN207738 representing NM_001108444
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGAGCGCGCGCAAGTGGTTTGTCTCGGGATGGCTCCGCAAGTCCCCCGGAGAAGAAGTTGAAGCGTT
 ATGCGTGAAGAGAAGGTGGTTTGTGTTGCGCAGTGGCCGTTTGACCGGAGACCCCGATGTCCTGGAGTA
 TTACAAAAACGATCATGCCAAGAAGCCTATCCGGATTATTGATTTAAATTTATGTCAGCAAGTTGATGCT
 GGGTTGACATTCAACAAAAAGGAGTTTGAAGACAGCTACATCTTTGATATCAACACCATCGATCGGATTT
 TTTACTTGGTGGCGGACAGCAAGAAGACATGAACAAGTGGTCCGTTGTATCTGTGACATCTGTGGGTT
 CAATCCCACAGAAGAAGATCCCGTGAGGCGCTGGCCAGCTCCTCACAAGCACCTGCTGATTCACCGTTC
 GCCATAAATACAGCACCAGCCTCCGCCACATGGAACCATCTTCAGTCGCGCTACCTCCCTTTACCAAC
 TCATCAGCCTCCACCACACCCAGACACTCTCGGCTCCGGGAGGACCCGCAAGACTACCTTTGCTGAT
 CAACTGTCAGAGCAAGAAGCCTGAACCCACAGAGCCATTTTGACTCTGCCAAACCCACCTTTCTGAG
 ACAGACTGCAATGACAAGTCCCTTCCACAAGCCTCCTGCTTCTCCAGGGCAAAACACGGAATGAACG
 GCTTTTTTCAGCAGCAAAATGGTGTATGACTGCCACCACCGGGTTACATCGGTCTCTGGCGAGTCCGG
 CCTCTATAACCTGCCAGGAGCTACTCCATGACGTAACCGAAGGAGTCCCGTCAAGTACCGAGGCA
 GATGGAGAGCTTACGTTTTAATACACCGTCTGGGACTTCAAGTGTAGAAGCTCAGATGAGACATGTGT
 CTATTAGTTACGACATTCGCAACACCTGGCAACACTTACCAGTCCCACGGACATTTCCAGAAGGCAC
 ACTGGGACAGTTCGAAGCTGGACACTATTCTGACGTCCCCACCTCGGCCACCAAGCCACATTCA
 ACTCATGACCGGTCTCCTGTGGAGACGTGCGGAGTGCCACGCACGGCATCAGACTGACAGCAGTTACT
 GTATCCCTCCGGCAGGCATGCCGCCCTCCGGAGTAACACCATTTCCACCGTGGATCTGAACAAGTTACG
 GAAAGATGCTGGTTCTCAAGATTGCTATGATATTCCACGGACCTTCCCGAGCGATAGATCCAGTTCTTG
 GAAGGCTTCCATAACAGTTGAAAATCAAGAATGTGCTGGCTGCGGGCAATGTCTCGGGAGAAGAGCTGG
 ACGAGAACTACGTTCCCATGAACCCCAACTCGCCACCACGCCACCATCCAGCAGCTTCGCCGAACCGAT
 TCAGGAACCAAACTACGTGCAATGACCCTGGGACCTTTGATTTTTCTGCGTTTGGGATGCAAGTCCCT
 CCTCTGCTCATCTGGGCTTCAAGTCCAGCCAAAGACCCTCCAGGAGGCCAGTTCCCGTTGCTGACT
 GTGAACCAACCCCGTGGATAGGAACCTCAAGCCAGACAGAAAAGTTAAGCCGGCACCTTAGAAATCAA
 GCCTCTGTGAGAGTGGGAGGAGTGCAGGCCAGTCAAGTCCCATCACCAGGAGCTTCGCTCGGGAC
 TCCTCTAGGTTTCCCATGTCCCCTCGGCTGATTCTGTGCACAGCAGACATCGAGCAGTACTCCCATG
 ACAGTGAAGAGAACTATGTCCCATGAACCCAAATCTGTCCAACGAAGATCAGAATCTCTTTTGCAACAA
 CAGCCTCGAGGGGGCAGCAGCCATGACCAACCCAAAGGAGATAAACAAGTCAATACCTGGATTTA
 GACCTAGAATCTGGGAAGTCCACACCACCAGGAAGCAAAAGAAGTGGTTTCGGGCAGCAGCATGTCTG
 ACGAGCGGGTGGATTACGTCGTGGTGGACCAACAGAAGACTCTGGCCCTGAAGAGTACCAGGGAAGCTTG
 GACGGACGGCAGGCAGTCCACAGAGTCCGAGACACCCCAAGAATGTGAAG**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM_001108444
- Insert Size:** 2085 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_001108444.1](#), [NP_001101914.1](#)

RefSeq Size: 4177 bp

RefSeq ORF: 2085 bp

Locus ID: 361388

Cytogenetics: 19q11