

Product datasheet for **RN205815**

Gab2 (NM_053417) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Gab2 (NM_053417) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Gab2
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN205815 representing NM_053417
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGAGCGCGCGCGCGCGGACGACGTGGTGTGTACCGGCTGGCTGAGAAATCGCCTCCGAAAAGAAGT
 TGAGGCGCTATGCTGGAAGAAACGCTGGTTTATACTGCGGAGTGCCGGATGAGTGAGACCCAGATGT
 TCTGGAATACTACAAGAATGAGCACTCCAAGAAACCCCTGCGGATCATCAACCTGAACCTCTGTGAGCAG
 GTGGATGCAGGCCTGACCTTCAACAAGAAAGAGCTACAGGATAGCTTTGTGTTTATCAAGACCAGCG
 AGCGCACGTTTTACCTGGTGGCTGAGACGGAGGCTGACATGAACAAGTGGGTCCAGAGCATCTGCCAGAT
 TTGCGGTTTCAATCAAGCCGAAGAGAGCACAGACTCCCTGAGGAACCTTTCTTCAGCCAGTCACGGTCCC
 CGCTCCTCTCCAGCTGAGTTCAGCTCCAGTCAGCACCTGCTCCGAGAACGGAAGTCTCAGCCCCCTCAC
 ACTCTAGCCAGCCACTTTATTCACATTTGAGCCCCCTATGACAAGCCACATGCAGCCTGCCTTGCCAC
 CAGTGCACCTCAGGAGTATCTCTACTTGCACCAGTGCATAAGCAGAAGGACAGAAAACCTCAAGGAGTGCC
 AGCTTCTCTCAGGGCACCCGGCAGAAAGAGTGATACAGCCGTGCAAAAACCTTGCCAGAGCAATGGACACT
 GTATCAATGGAGTCAGCAATCAAGTCCATGGTTTCTATAGCCTTCCCAAGCCAAGCCGACACAATACAGA
 ATTCAAAGACAGTACTTATGATCTCCCGAGGAGCCTGGCGTCACATGGCCACACCAAGAGCAGCCTCACA
 GGGTCTGAGACTGATAACGAGGATGTGTATACCTCAAGATGCCAGCAACCCCTGTGTCGGGAGTTTG
 GAGACCTCCTTGTGGACAATATGGATGTCCAACCACCCCTCTCTCAGCCTACCAGATCCCTAGAACATT
 TACACTGGACAAGAATCACAATGCCATGACAGTGGCCACTTCTGGAGACTCAGCCATAGCTCCCCACCC
 CGGCCACCAAGCAAGTCAAGCAGAAACACCTCGATGGGGCAGCCCTCAGCAAAAACCTCCGATCGGCG
 AGAATAGCAGATCTGTAGCTGCTACTATCCCCAGGCGCAATACCTCCCTGCAATGGACAACAGCCGGCT
 CCACCGAGCTTCCCTCTGTGAGACCTATGAATACCCAACACGAGGACGCGGAGAGAGTGCCAGCTGGTCT
 GCTGAATCTCCAGAAAGACTGCGTGGTTCGATCAGACAGTGCCAGCTCTGATGAAAATTACGTGCCCA
 TGAACCCAGGTTCTTCTACCCTGCTGGCCATGGAACGAGCCGGGACAATTCCAGAGTGCTACATACC
 CATGGGCCAGGGCCTCATCACTTTGATCCACTTGGGTACCCATCCACAGCCCTTCTATTACAGAGGC
 CCCAGCCGAGGAAGTGAATCCAGCCACCCCAAGTCAACCGAAACCTCAAACCTGACCGAAAAGCAAAGC
 CAACACCCCTTGACCTGAGAAACAACACTGTCTCGATGAGCTCCCTTCAAGTCACTGTACCAAGTC
 TTGGTCCAGGATCAACCACCTTTAACTCCAGTTCCTCCAGTACTGCCGTCTATCTCCACACAGAGC
 ATCACCAGCACAGACTCAGGAGACAGTGAAGAACTATGTCCCTATGCAAAACCCAGTATCTGCGTCCC
 CTGTTCCAGTGGCACTAACAGCCAGCTCCAGGAAGAGTACTGGCAGTGTGGATTACCTAGCCCTGGA
 CTTCCAGCCGGGCTCCCCAAGCCCTCACCGCAAGCCATCCACATCATCTGTACATCGGATGAGAAGGTA
 GACTATGTCCAAGTGGATAAAGAGAAGACAGGCCCTGCAGAACACCATGCAGGAGTGGACAGATGTAC
 GGCAGTCTCAGAACCTTCAAGGGTGCCAAGCTG**TAA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** Sgfl-Mlul
- ACCN:** NM_053417
- 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_053417.1](#), [NP_445869.1](#)

RefSeq Size: 2001 bp

RefSeq ORF: 1998 bp

Locus ID: 84477

UniProt ID: [Q9EQH1](#)

Cytogenetics: 1q32

Gene Summary: adapter for transmitting various signals in response to stimuli through cytokine and growth factor receptors [RGD, Feb 2006]