

Product datasheet for **RN205595**

Gga2 (NM_001100519) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Gga2 (NM_001100519) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Gga2
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN205595 representing NM_001100519
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGCC**

ATGGCAGCGACGGCTGTGGCGGCGGGACCGGATCCCCGCAGGGACCGAGTCGGCGGAGGGCGCCCTG
 GCTCAGCGGCGGCACTGGAGCTGTGGCTCAACAAGCCACAACCCAAGTATGGCAGAGCAGGATTGGTC
 AGCCATCCAGAAGTTCTGTGAGCAGGTGAACACCGACCCAGTGGCCCAACACATGCGCCCTGGCTACTG
 GCCACAAGATCCAGTCTCCACAGGAGAGGGAAGCTCTTTACGCCCTGACGGTGTGGAGATATGCATGA
 ACCACTGCGGGGAGAAGTCCACAATGAAGTGGCCAAGTTTCGCTTCTGAATGAACTGATCAAAGTATT
 GTCCCCAAGTACCTAGGGGCTGGGCTACGGAGAAGGTTAAAGGAAGAGTTATTGAAATCTCTTTAGC
 TGGACAGTCTGGTTCCGGAAGACATCAAGATCCGAGATGCTTATCAGATGCTGAAGAAGCAAGGAATCA
 TAAAGCAAGACCCTAAACTACCGATGGATAAGATCCTGCCGCCACCGTCCCCCTGGCCGAAGAGCATCTT
 TGATGCTGATGAGAAAAGTCAAAGCTTCTGACAAGACTTCTCAAGAGCAACCACCCGAGGATCTTCAG
 GCTGCAAACCGGCTGATCAAGAAATTTGGTCAAGGAGGAACAAGAAAAGTCAAGAAAAGGTGTCCAGGCGAG
 TCAGTGGCGGTAGAGGAAGTCCGCAGCCAGTGTGAGAGTGTGCGGGAGATGCTGAGCATGTACCGAAGGCC
 AGGCCATGCCCTGCCTGACCAGCAGGCCCTGCAGGTTGTCTATGAAAGATGTGAGAAGCTTCGGCCCACT
 CTGTTCCGGCTTGCAAGCGACACCCTGATGACGACGATGCACTGGCGGAGATTCTTCAAGCAAATGACC
 TTCTCACCAAGGGTTCTGCTGTACAACAGGTGGTGGAAAGGCCGAGTCAATGCCGGGAATGCAGTGCC
 CGCCGAGTGGGAGCCATTCTGCTTCCAGAGTGTCCCGAGTCCAGAACCCTGTGGGAAGAAGTCCCC
 CTCATTGACCTGGAGGCACCATCTTTGCTTTCATCAGGACCTGGCGGCCTTAGGGATCAACGATGTTCCCA
 CTAGGAACCAAGTTGTCAATCCAAAGTTGCTGTAAGGACAAGAAGCAGCCTGGTGCCATCACACTCATGGG
 GGGTGGAAATCCAGAGTCTTTCTGCAGACCGGAACCTTGTGGATCTTTCTCGCCACAGCCGTCTCCAGGA
 CCACTGAATTACGTTCCAAAAAAGCATCCCCAAGGAGGTGCCACCAGGTACCAAGGCCTCTCCAGGTT
 GGTCTGGGAGGCTGGGCCATTGGCTTCTTCCCCAGCCTCACAGAATACACCTCTGGCTCACGTGTTTGT
 CCCTTTGGAGTCTGTGAAGCCCAGCAGCCTGCCGCCATCATCGTGTATGACCGAACCGCTTCCGAATT
 CTGCTGCACTTCTCCAGACGGGGGCCCTGGCCACCCGGATGTGCAGGTGTTGCTGTTGACCATGATGA
 GCACTGCCACCCAGCCTGTCTGGGACGTCATGTTTCAGGTGGCTGTCCAAAGTCGATGCGAGTGAAGCT
 GCAGCCAGCATCCAGTTCGAAGCTCCAGCATTAGTCTTTGACGCCTCCAGCCGTGATCTCTCAGATG
 CTGTTGCTCGACAACCCACAAAAGAACCTATCCGGTTGCGGTACAAGCTGACTTTCAACCAAGGCGGGC
 AGCCGTTCAAGTAGGAGAGGTGAAAGACTTCCAGACCTGGCCGTCTTGAGCACCGCCT**GTA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** Sgfl-Mlul
- ACCN:** NM_001100519
- Insert Size:** 1815 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_001100519.1](#), [NP_001093989.1](#)

RefSeq Size: 2833 bp

RefSeq ORF: 1815 bp

Locus ID: 293455

Cytogenetics: 1q36