

Product datasheet for **RN210951**

Gga1 (NM_001011994) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Gga1 (NM_001011994) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Gga1
Synonyms:	MGC109601
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN210951 representing NM_001011994
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGCATCGCC**

ATGAAGAGCTGTGGCAAGAGGTTCCATGACGAAGTGGCAAGTCCGCTTCTGAATGAGCTCATCAAGG
TTGTGTCTCCCAAGTACTTGGGCTCCCGACATCAGAGAAGGTGAAGAATAAGATCTTGAGCTGCTGTA
CAGCTGGACAGTCGGCCTCCCTGAGGAGGTGAAGATTGCCGAAGCCTACCAGATGCTGAAGAAGCAGGGG
ATCGTGAAGTCTGACCCCAAGCTTCCAGAGGATGCCATCTTCCCTCCCCCTCCCCGCCCCAAGAATG
TGATCTTTGAAGATGAGGAGAAGTCCAAGATGCTGGCCGCTTCTGAAGAGCTCACACCCGAAGACCT
CCGGGCTGCCAATAAGCTCATCAAAGAGATGGTGCAGGAGGACCAGAAGCGGATGGAGAAGATCTCAAAG
CGGTAATGCCATTGAGGAGGTCAACAACAATGTGAAGCTGCTGACAGAGATGGTATGAGCCACAGCC
AGGGTGTGCATCCAGCAGCAGTGAAGACCTCATGAAGGAAGTACCAGCGCTGTGAGCGCATGCGGCC
CACACTTCCGACTGGCCAGTGACACAGAAGACAATGATGAGGCCTTAGCTGAGATCCTGCAGGCTAAC
GACAATCTCACCCAGGTGATCAACCTGTACAAGCAGCTGGTCCGGGTGAGGAGCTCAATGGTGAAGCCA
CAGCCGGCTCCATTCTGGAAGCACCTCAGCCCTGCTGGACCTCTCAGGCTGGACCTCCCTTCTCCGG
CACCACATACCCAGCCACGCCACTCGCCCTGGCAACCAGAACAGTCCAGAGCAACTGAGTGCTCAGTG
TCCTTGCTCGATGATGAGCTCATGTCTTTGGGCCTAAGTGACCCACACCCACCTCAGCTCCCAGCTCAG
ATAGTGTGGGTGGAACGGCTTCCAGTCATCAGATGGCACTGAACCTCAGTCCCTCCTCCAGCCAGGC
CCCCTGCATGGACAGCCGACCCAGCCAGGCATCCCCACCAACGAGCAGCGGCCTGGATGACCTGGAC
CTCTTGGGAAAACCTTATGCAACAGGCACTGCCCCGGAAGCCAGCAAGTGGGTGGGAGAAGCAGC
AGCCAGCCCCCGGCTCACCTCCGTGACCTGCAGAGCAAGAGCAGCTCGCCCAATCCAGGAGCCACCAG
CCTCCTCCACACCACGTCCCAGAGCCCTGGGCCTCAGCCTCAGGCCATACCCACTGAGCTCTCCTTA
ACCAACATCACTGTGCCCTTGGAGTCTATCAAACCCAGCAGCATCTTGCCAGTGACCGTTTATGACCAGC
ATGGCTTCCGTGCTCTTCCATTTTGCTCGCGACCCACTGCCCGGACGCTCTGATGTGCTGGTGGTGGT
GGTCTCTATGCTGAGCACGGCTCCCAGCCATCCGAAACATTGTTTTCCAGTCAGCTGTCCCAAGGTC
ATGAAGGTGAGGCTGCAGCCACCCTCCGGCACAGAGCTGCCAGCATTTAACCCCATCGTCCACCCCTCCG
CCATCACCCAGGTCCTGCTCCTTGCTAACCCCAAGGAGAAGGTCCGCCTCCGCTACAAGCTCATCTT
CACTATGGGTGACCAGACCTACAATGAGATGGGAGATGTGGATCAGTTCCCCCACCAGAAACCTGGGGA
AGCCTTAG

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_001011994

Insert Size: 1689 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_001011994.1](#), [NP_001011994.1](#)

RefSeq Size: 2765 bp

RefSeq ORF: 1689 bp

Locus ID: 300066

Cytogenetics: 7q34