

## Product datasheet for **MC219590**

### **Rgag4 (NM\_183318) Mouse Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Rgag4 (NM_183318) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Rgag4
Synonyms:	6430402L03Rik; Mar5; Mart5; mKIAA2001
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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**Fully Sequenced ORF:** >MC219590 representing NM\_183318  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGATCGCC**

ATGCTGAAGCGCGGAAATCTCAATAGCCTCCGCTTGGCGAATGTGGCCCTGCGAGAGGAGTTAAATG  
 CCTTCGAGGAGAGAATGTCCAGCTGGCCTGCAGCTCGAAGAGCCTTGGCCGAGGTTAATCCTTGCG  
 GGGCAATGTCTCGAGCTACATCCGCTGGCCATGCCATAGTACCGGTCTTGGCAGGAGAACCTTGAG  
 TTCCTGCTCAATGAGACTGATCCACTCCTGAGGAGGAGGAAGAGGAGGAGGAGGAGGTGCCCTTCTGT  
 GCTGGCCTCCTCCACGCACAGATCCCGAGTACGTCTCAGATGATCTTTTGATTAATGTGGTCCAGGACTA  
 TACCAACCCCGACGGTCCAGTGACCCTCCTCTGTCAACCAGCCCGTCCAGCCGGAACCTGCACTCCCC  
 ATGTTAAAGGAGCAACCTTTGAGTTCCTTTTCCACCCTGGAGCGGCCAGACATAGAACCCTTTTCAG  
 GCGACCCAGTGTACCTGGCTGAATTTCTGATGCAGCTAGAGACTTTCATAGCAGATCACGAGGATCACTT  
 CCCTGGGGCGCGGAACGGTGGCATTCTCATCTCCTTTTTCACAGGGGAAGCGAGAGACTGGGCTATC  
 TCAGTCACTCAGGAAGGAAGCTCCTTGATGCCAACTCCCGCGCTTCTGGATGAAATCCGTAAGGAAT  
 TCTGTGGCCCCATCCCCTCACGCGTGGCTAAAAAGGCCATACGCAAGCTCAAGCAGGGAACCTGTACCCT  
 GGGCAGCTATGCAGATGCTTTTCAGTTCCTTGGCCAGTTCCTTGTCTTGGGATGACTGTCCCTCCAAAAC  
 CAATTTCTCAAAGCTTGTGAGAAATTTTTCGAAAGGAACCTTATGGTCAACTGAAGTGGCCGACCTGG  
 ATGAGCTGATTCTTGAGTGTGTCAAGATAGAAAGGAAAGTGCCTGTCCCCAAGACAGCCTCGTCACTGG  
 AGTGAAAATGAGGGTGAAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAG  
 TGACAGCTTTCCACAAGAGATGAGGGAGGAAGAGGAGGAGATGAGGAAAGAGGAGGAGGAGGAGGAGGAG  
 TGAGGAGGATGAGGACGAGGATGAGGATTATGAATTTGAGGAGGAGGATGAAGACGACGACGACGAGGAG  
 GAAGAG  
 AGTATGAAGAAGAAGATGAAGTTATCGTTAGGGTCTGGAGCCAGAGCAGGAGCAAGAGAGGAGGAGGAG  
 AGAGCACGAGCATGTGTATGTGCACGAGCACATACACGCCATGTGCACACACTTGTGCCACCACCAC  
 GGCTACATGGAGAGCTCATGGTATGGACGAACCTGTCTTGTGACACGTCAACCCAGACCATTAGCT  
 CCGCCATAGGCTACCATGCTGAAAATTACCTGGGGTATCCCCTTCTGTAATGCATTCTAGCAGACAGAG  
 GAGCCAGAATCGAGTCCACTTCTGGAGGGCTTCCCGGACCAATTCATCTTCTACAGCCGCCACCA  
 CTGATGCGCCATGCAGGTCGCTTGGGGCAACGCCAAATCGAAGATGTCCCTCAGTGCTTCTGCTCA  
 CTCTAGGCAGGGGGCCACCGAGCTACTCAAGTCTGAATTCGAGTG**TGA**

AG**CGGACCG**ACGCGTACGCGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCC  
 TGGATTACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-RsrII
- ACCN:** NM\_183318
- Insert Size:** 1800 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\\_183318.4](#), [NP\\_899141.1](#)

**RefSeq Size:** 4766 bp

**RefSeq ORF:** 1800 bp

**Locus ID:** 331474

**Cytogenetics:** X D