

## Product datasheet for **MC218599**

### Retreg2 (NM\_170755) Mouse Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Retreg2 (NM_170755) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Retreg2
Synonyms:	Fam134a; MGC47289
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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**Fully Sequenced ORF:** >MC218599 representing NM\_170755  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGGCGAGCAGCGGTGGCGGTAACACCGCGCGGGTGGCACCTCGGGCTGGGCCTGGGCCTGGGGCTGA  
 GCCTCGGCATGGGTGAGGCCACTGGCGACGCGGAGGAGGAGGCGCCGCAGCCGAGGCAGTGGGAGGTTT  
 AGCTACGTCCCTGTGGCTGCGGCTCCGCGGCTGGGAGGCGGTGCTGGCGCCGCACAGCGACTGCTGGTT  
 TGGGAGAAGCCGCTGCACAGCCTGGTCACGGCGCCACACTCAACGGCCTCTTCTGGTTGTTGTCTTCGT  
 CGTCCCTCCGGCCCTTCTCCTGCTCAGCATCTCACTTTTGACCTATTTTCTACTGGATCTCTGGCATCC  
 TCGTTTCTCCCTGACGTTTCAGCACCACCCCTGAAGAACCACACTCTGACAGTGAGGGTGGGGGTCA  
 GGGCCCGACCGCACCTGCTGAGTGTGCCGAGTTGTGCAGATACCTGGCTGAGAGCTGGCTCACCTTCC  
 AGATTCACCTGCAAGAGCTGTTGCAGTACAAGAGGCAGAATCCAGCTCAGTTCTGCGCTCGGGGCTGCGC  
 TGCTGTGCTGTGCTGGCTGTGTTGGGACACTATGTTCCGGGAGTTATGATTTCTACATGTCTTGCTG  
 AGTATCCTGCTGTGGCCCTGGTGGTCTATCACGAGTTGATCCAGAGGATGTATACTCGCCTGGAGCCCT  
 TGCTCATGCAGCTGGACTACAGCATGAAAGCTGAAGCTGATGCCCTGCACCACAAACATGACAAGAGAAA  
 GCGCAAGGGAAGAGTGCACCCCGCAGGAGATGAGCCACTGGCGGAAACAGAGAGTGAAGCGAGGCA  
 GAGTTGGCTGGCTTCTCTCCAGTGGTGGATGTGAAGAAAACAGCCCTGGCCTTGGCTATTACAGACTCTG  
 AGCTGTCAGATGAGGAGGCTCTATCTTAGAGAGCGGCGGTTTCTCTGTATCTCGGGCCACCACTCCACA  
 ACTGACAGATGTTTCTGAAGATTGGACCAGCAGAGCCTGCCAAGTGAGCCAGAAGAGGCTCTGAACCGA  
 GAGCTGGGGGAGGGGAAGAGACAGAGCTGGCCTCTCCTGAAGACCTGCTAAGTGCCTCCAGCCCTCT  
 CAAAGCAAGCTTTGGACACCGAAGAGGAGGGGCTGCAGACAAGGAAGCCTTGCTTCAGCTCATCCCC  
 TCTTCACTTTGTGAATACGCACTTCAATGGGGCAGGGTCCCCCAAGATGGAGTGAATGCCTCCTGCT  
 GCACCAGTGAAGACCCTGAGCCAGAGGAGTGTGTTGACCTAATGGCTCCATCCAGCACCCTCTCAC  
 CCCAACTTTGCTTGGTGAAGTGGTCCAGTTACCCCTCTCTCCCTCTGTGCTCCCATCCCTTCCCCA  
 GGACTCACCTCAACCCCTGGCTGCTCCTGAGGAGGAAGAGGCACTCACAAGTGGACTTTGAGTTGCTG  
 GATCAGGGGAGCTGGAGCAACTGAATGCAGAGCTGGGCTTGGGACCAGAGATGCCTCCAAGCCCTG  
 ATGTTCTGCTCCTCCTCCCTGGGGCAGACAGCCATCCCTGGTACAGTCAGACCAAGAGGCTCATGC  
 AGAGTTGAGCCATGA

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** Sgfl-Mlul

**ACCN:** NM\_170755

**Insert Size:** 1626 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\\_170755.2](#), [NP\\_739561.2](#)

**RefSeq Size:** 2559 bp

**RefSeq ORF:** 1626 bp

**Locus ID:** 227298

**UniProt ID:** [Q6NS82](#)

**Cytogenetics:** 1 C4