

## Product datasheet for **MC217601**

### **Fcamr (NM\_144960) Mouse Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Fcamr (NM_144960) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Fcamr
Synonyms:	MGC129330; MGC129331
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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**Fully Sequenced ORF:** >MC217601 representing NM\_144960  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGGACCAAGGTGCCCCAGCTAAGCCCAGTGAACAAAAGTCCCCAGCCTGAGAACGAGATGGGAAATAC  
 TTCTTCTCACACTCTGTCTGCTCCATGGTTCATCCATGACCCCTCCACACAGAAGGTCACATTCCAGATG  
 GCTGCAGGCTGGCTCTCCTCAGTTCAGGACCCATCTCTACAATGTGGAAGCACACACAGCTCCCACGCC  
 CTTTGCTGCTGGAAGAACTCCCTTTAGGTACAAATGCATTGAGAGGCCCGCGACTGGTACTGGGAACA  
 CTGGGGGAGCTGTACCATCCATTGCCATTACGCCCTCCTCAGTCAACAGGCATCAAAGAAAATACTG  
 GTGCCGCTGGGTCTCCATTGTGGATCTGTACACTGTCGTGCCACCAACCAATACACTACCCTGAC  
 TACCGTGGGCGCGCGCTCTCACTGACATTCCACAGAGCGGTTTGTGTTGGTGGGCTGCTCCGACTGT  
 CCCTGGGTGACGTGGGACTTTACCGCTGTGGCATAGGAGACCGAAACGACATGCTATTCTCAGCGTGAA  
 TCTGACTGTGCTGCAGGTCCATCCAACACCACCTATGCAGCAGCACCAGCTTCCGGTGAGCCACCACA  
 GCATCTCCTGGAGCAGCATCCTCAGCAGGCAACGGATGGACCTCAGGCATCACCCAGATCCTAGAAGGCT  
 CAGGCTCAGAATGGGACAGAACAGTTCCAACCACAGGTACCAGCAAACTACATCTTCAGCCAATGGAAG  
 ACAAACCTTAAGAACAGCCAGGACAATGGTCCGGGGACAGGCAGCAGAGAGGGGCTCTATCAGGGCA  
 GCAGTCCCCTCCAGAGGGTCCGTCTCCAAAATCAAGAAGCATGTCCAGCACACACAGGGTGTGGC  
 TGTGGAGCACCAGGAAGTCACTAACACCCAGTGTACCACAGTGAAGGAAGGAGGCAAGGCACAACCCC  
 AGAGACTGATGGCCACGAGATGAAACAGACGTGAGGGTGTCTCCAGAAGCACCCAGGAAGACCACAGGA  
 ACCACGAGGCCATCGGCCCTGATCTCAGAACATGTGACCTGGGAACTCTCCAAGACAAAACAGAGGTGT  
 CTAAGCAACAAATGCTGCACTCCCTGGAGGAGTTATCACCAGCTCCAAGTGCACAGACCTAAATGCTAC  
 CTGTTTGGAAAGTGGCATCCGAGGAAGGAAGGAGCATTGATGGGAGTCTTGAACAACTACAGAAGAAAGC  
 AGCCCCCAACCAAGCCAGCTTTAGTGCAGGCCCTGTGTGGTCTGTCAAGGGCCATCCATGA  
 AGAGTGTCTGATGGAAGGAGAAAGCCACACTCGGATCCTGACTCCAGTCTCCACTGTGCTGGCCCTGCT  
 TCTAATTGCTGCTGATCCTATTGAAAAGGAGCCTTGGCAGACAGAGGACATCTCAGAAGAAAAGG  
 GTACCCAGGATCACTCTAATTGAGATGACACATTTCTACCAGATAAGCTCCCTGATGAGGGAAAGAACT  
 TTCAACAGAGTAACCTTCTCTCCCAAGCCAGCCTGACCGTCTGGAGAATGACCCAAGACCC**TGA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** Sgfl-Mlul

**ACCN:** NM\_144960

**Insert Size:** 1608 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\\_144960.2](#), [NP\\_659209.2](#)

**RefSeq Size:** 1743 bp

**RefSeq ORF:** 1608 bp

**Locus ID:** 64435

**UniProt ID:** [Q2TB54](#)

**Cytogenetics:** 1 E4

**Gene Summary:** Functions as a receptor for the Fc fragment of IgA and IgM. Binds IgA and IgM with high affinity and mediates their endocytosis. May function in the immune response to microbes mediated by IgA and IgM.[UniProtKB/Swiss-Prot Function]  
Transcript Variant: This variant (2) uses an alternate in-frame splice site in the 5' coding region, compared to variant 1. The resulting isoform (2) lacks an internal segment, compared to isoform 1.