

Product datasheet for **MC219411**

Fcamr (NM_001170632) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Fcamr (NM_001170632) 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: >MC219411 representing NM_001170632
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGACCAAGGTGCCCCAGCTAAGCCAGTGAACAAAAGCACCTCACTTGCCAGGACACGCAGTTCCCTG
 GCCTGCCTTTTCGGGTAGAGCTACCCAGCTACTGGAGCAAAGTGAAGTGCACAGCCAGAGTGCCGAGCC
 CTGGACTCCCAGCACTCTCTCCAGCTTCTCACAAAGCCTCCCTCTGGCCTCTTGCTTTGGCTGCAGGTC
 CCCAGCCTGAGAACGAGATGGGAAATACTTCTCTCACACTCTGTCTGCTCCATGGTTCCATCCATGACCC
 CTCCACACAGAAGGTACATTCCAGATGGCTGCAGGCTGGCTCTCCTCAGTTCAGGACCCATCTCTACAA
 TGTGGAAGCACACACAGCTCCCACGCCCTTTGCTGCTGGAAGAAGTCCCTTTCAGGTACAAATGCATTG
 AGAGGCCCGGACTGGTACTGGAAACTGGGGAGCTGTCACCATCCATTGCCATTACGCCCCCTCT
 CAGTCAACAGGCATCAAAGAAAATACTGGTGCCGCTGGGGTCTCCATTGTGGATCTGTCACACTGTCGT
 GTCACCAACCAATACACTCACCTGACTACCGTGGGCGCGGGCTCTCACTGACATTCCACAGAGCGGT
 TTGTTTGTGGTGGGCTGCTCCGACTGTCCCTGGGTGACGTGGGACTTTACCGCTGTGGCATAGGAGACC
 GAAACGACATGCTATTCTTCAGCGTGAATCTGACTGTGTCTGCAGGTCCATCCAACACCACCTATGCAGC
 AGCACCAGCTTCCGGTGAGCCACCACAGCATCTCCTGGAGCAGCATCCTCAGCAGGCAACGGATGGACC
 TCAGGCATCACCCAGATCCTAGAAGGCTCAGGCTCAGAATGGGACAGAACAGTTCACCAACACAGGTACCA
 GCAAACTACATCTTCAGCCAATGGAAGACAACTTAAGAACAGCCAGGACAATGGTTCCGGGGACAGG
 CAGCAGAGAGGAGGGCTCTATCAGGGCAGCAGTCCCCTCCAGAGGGTCCGCTCCAAAATCAAGAAGC
 ATGTCCAGCACAAACAGGGTGTGGCTGTGGAGCACCAGGAAGTCAAGAACACCCAGTGTACACAGG
 GTGAAGGAAGGAGGCAAGGCACAACCCAGAGACTGATGGGCCACGAGATGAAACAGACGTCAGGGTGTG
 TCCAGAAGCACCCAGGAAGACCACAGGAACACGAGGCCATCGGCCCTGATCTCAGAACATGTGACCTGG
 GAAACTCTCCAAGACAAAACAGAGGTGTCTAAGCAACAAATGCTGCACTCCCTGGAGGATTATCCACAG
 CTCCAAGTGCACAGACCTTAAATGCTACCTGTTTGAAGTGGCATCCGAGGAAGGAAGGAGCATTGATGG
 GAGTCTTGAAAACACTACAGAAGAAAGCAGCCCCCAACACCAAGCCAGCTTTCAGTAGCAGGCCCTGTG
 TGGGTTTCTGTCAAGGGGCCATCCATGAAGAGTCTGATGGAAGGAGAAAGCCACACTCGGATCTCTGA
 CTCCAGTCTCACTGTGCTGGCCCTGCTCTAATTGCTGCTCTGATCCTATTGAAAAGGAGCCTTGGCAG
 ACAGAGGACATCTCAGAAGAAAGAAAGGTACCCAGGATCACTTAATTCAGATGACACATTTCTACCA
 GATAAGCTCCCTGATGAGGGAAAGAACTTCAACAGAGTAACCTTCTTCTCCCAAGCCAGCCTGACCC
 TCCTGGAGAATGACCCAAGACCC**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM_001170632
- Insert Size:** 1776 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_001170632.1](#), [NP_001164103.1](#)

RefSeq Size: 1911 bp

RefSeq ORF: 1776 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 (1) represents the longer transcript and encodes the longer isoform (1). Sequence Note: This RefSeq record was created from transcript and genomic sequence data to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments.