

Product datasheet for **SC328943**

FCAMR (NM_001170631) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	FCAMR (NM_001170631) Human Untagged Clone
Tag:	Tag Free
Symbol:	FCAMR
Synonyms:	CD351; FCA/MR; FKSG87
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF: >NCBI ORF sequence for NM_001170631, the custom clone sequence may differ by one or more nucleotides

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ATGGATGGAGAGGCCACAGTGAAGCCTGGAGAACAAAAGGAAGTGGTGAGGAGAGGAAGAGAAGTGGACT
ACTCCAGGCTCATTGCTGGCACTTTACCACAATCTCACGTACCAGCAGGAGGGCGGGATGGAAAATGCC
CCTCTTCTCATACTGTGCCTGTACAAGTTCTTCTTTTCGCCCTTCCACAAAAAGACCCCATCCGAGA
TGGCTGTGGGAGGCTCTCTCCCTCCAGGACCCATCTCCGGCCATGGGAACACTCAGGCCTTCTCGC
CCCTCTGTGGCGGAGGAGAGCTCTTTGCAGCTCCAAATTCATTGAAGGGCTCAAGGCTGGTGTGAGG
GGAGCCTGGAGGAGCTGTCAACATCCAGTCCATTATGCCCCCTCATCTGTCAACAGGCACCAGAGGAAG
TACTGGTGCCGTCTGGGGCCCCAAGATGGATCTGCCAGACCATTTGTGTCCACCAACCAGTATACTACC
ATCGCTATCGTGACCGTGTGGCCCTCACAGACTTCCACAGAGAGGCTTGTGTGGTGAGGCTGTCCCA
ACTGTCCCGGATGACATCGGATGCTACCTCTGCGGCATTGGAAGTGAACAACATGCTGTTCTTAAGC
ATGAATCTGACCATCTCTGCAGTCCCAGCAGCCCTCCCACAGCCACTCCAGCTGCTGGGGAGCTCA
CCATGAGATCCTATGGAACAGCGTCTCCAGTGGCCAACAGATGGACCCAGGAACCACCCAGACCTTAGG
ACAGGGGACAGCATGGGACACAGTTGCTTCCACTCCAGGAACCAGCAAGACTACAGCTTCAGCTGAGGGA
AGACGAACCCAGGAGCAACCAGGCCAGAGCTCCAGGGACAGGAGCTGGGAGAGGGTCTGTCAAAG
CACCTGCTCCGATTCCAGAGAGTCCACCTTCAAAGAGCAGAAGCATGTCCAATACAACAGAAGGTGTTT
GGAGGGCACCCAGAAGCTCGGTGACAAACAGGGCTAGAGCCAGCAAGGACAGGAGGGAGATGACAACACC
AAGGCTGATAGGCCAAGGGAGGACATAGAGGGGGTCCAGGATAGCTCTTGTATGCAGCCAAAAGGTCCTAG
GAACCATTTGGGCCACCAGCTCTGGTCTCAGAACTTTGGCCTGGGAAATCCTCCCACAAGCAACGCCAGT
TTCTAAGCAACAATCTCAGGGTTCCATTGGAGAAACAACCTCCAGCTGCAGGCATGTGGACCTTGGAACT
CCAGCTGCAGATGTGTGGATCTTGGGAACCTCCAGCTGCAGATGTGTGGACCAGCATGGAGGCAGCATCTG
GGGAAGGAAGCGCTGCAGGGGACCTAGATGCTGCCACTGGAGACAGAGGTCCCCAAGCAACTGAGCCA
GACCCCGCAGTAGGACCTGGGGACCCCTGGCAAGGAGTCTCCGTGAAGCGTACTTTCCAGAAGAT
GAAAGCAGCTCTCGGACCCTGGCTCCTGTCTTACCATGCTGGCCCTGTTTATGCTTATGGCTCTGGTTC
TATTGCAAAGGAAGCTCTGGAGAAGGAGGACCTCTCAGGAGGCAGAAAGGGTCACCTTAATTGAGATGAC
ACATTTTCTGGAAGTGAACCCCAAGCAGACCAGCTGCCCATGTGGAAGAAAGATGCTCCAGGATGAC
TCTTCTCTGCTGGGGCCAGCCTGACTGCCCCAGAGAGAATCCAGGACCCTGA
    
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Restriction Sites: Please inquire

ACCN: NM_001170631

Insert Size: 1700 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).

OTI Annotation: The ORF of this clone has been fully sequenced and found to be a perfect match to NM_001170631.1.

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_001170631.1](#), [NP_001164102.1](#)

RefSeq Size: 2783 bp

RefSeq ORF: 1734 bp

Locus ID: 83953

Cytogenetics: 1q32.1

Protein Families: Druggable Genome, Transmembrane

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 (3) represents the longest transcript and encodes the longer isoform (b).