

## Product datasheet for SC318812

### FCAMR (NM\_001122979) Human Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	FCAMR (NM_001122979) Human Untagged Clone
Tag:	Tag Free
Symbol:	FCAMR
Synonyms:	CD351; FCA/MR; FKSG87
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>SC318812 representing NM_001122979. Blue=Insert sequence Red=Cloning site Green=Tag(s)

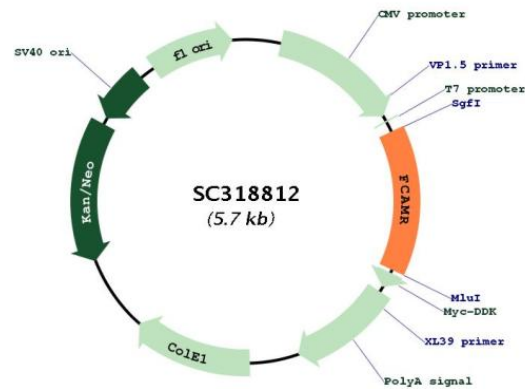
```
GCTCGTTT TAGTGAACCGTCAGAATTTTGT AATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCC GCGATCGCC
ATGGATGGAGAGGCCACAGTGAAGCCTGGAGAACAAAAGGAAGTGGTGAGGAGAGGAAGAGAAGTGGAC
TACTCCAGGCTCATTGCTGGCACTTTACCACAATCTCACGTCACCAGCAGGAGGGCGGGATGGAAAATG
CCCCTTCTCTCATACTGTGCCTGCTACAAGTTCTTCTTTCCGCCCTCCACAAAAAGACCCCATCCG
AGATGGCTGTGGGAGGGCTCTCCCTCCAGGACCCATCTCCGGGCCATGGGAACACTCAGGCCTTCC
TCGCCCCCTGCTGGCGGAGGAGACTCCTTTGCAGCTCCAAATTCATTGAAGGGCTCAAGGCTGGTG
TCAGGGGAGCCTGGAGGAGCTGTCACCATCCAGTGCCATTATGCCCCCTCATCTGTCAACAGGCACCAG
AGGAAGTACTGGTGCCGCTCTGGGCCCCCAAGATGGATCTGCCAGACCATTGTGTCCACCAACCAGTAT
ACTCACCATCGCTATCGTGACCGTGTGGCCCTCACAGACTTTCCACAGAGAGGCTTGTGTTGTGGTGAGG
CTGTCCCAACTGTCCCGGATGACATCGGATGCTACCTCTGCGGCATTGGAAAGTAAAAACAACATGCTG
TTCTTAAGCATGAATCTGACCATCTCTGCAGTACTTTCCAGAAGATGAAAGCAGCTCTCGGACCCTGG
CTCCTGTCTCTACCATGCTGGCCCTGTTTATGCTTATGGCTCTGGTCTATTGCAAAGGAAGCTCTGGA
GAAGGAGGACCTCTCAGGAGGCAGAAAGGGTACCTTAA
ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGCGC
```

Restriction Sites: Sgfl-MluI



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## Plasmid Map:



ACCN: NM\_001122979

Insert Size: 798 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:** This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.

**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\\_001122979.2](#)

RefSeq Size: 1898 bp

RefSeq ORF:	798 bp
Locus ID:	83953
UniProt ID:	<a href="#">Q8WWV6</a>
Cytogenetics:	1q32.1
Protein Families:	Druggable Genome, Transmembrane
MW:	29.9 kDa
Gene Summary:	<p>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]</p> <p>Transcript Variant: This variant (2) differs in the 5' UTR and lacks an alternate exon in the 3' coding region resulting in a frameshift, compared to variant 3. The resulting isoform (a) has a shorter and distinct C-terminus, compared to isoform b. Both variants 1 and 2 encode the same isoform. 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.</p>