

## Product datasheet for SC300629

### FCRL6 (NM\_001004310) Human Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	FCRL6 (NM_001004310) Human Untagged Clone
Tag:	Tag Free
Symbol:	FCRL6
Synonyms:	FcRH6
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>SC300629 representing NM_001004310. Blue=Insert sequence Red=Cloning site Green=Tag(s)

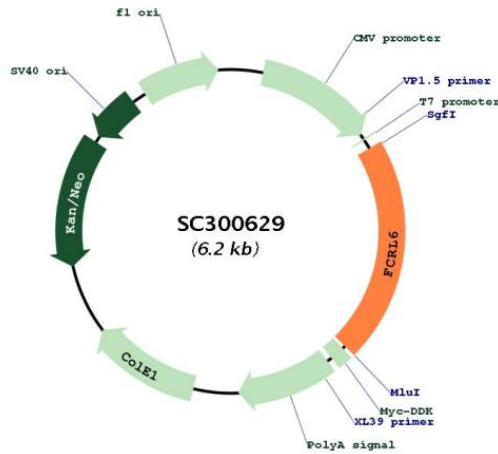
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GCCTGGCCAAACCCTGTGTTGAAGGAGATGCCCTGACTCTGCGATGTCAGGGATGGAAGAATACACCA
CTGTCTCAGGTGAAGTTCTACAGAGATGGAAAATTCCTTCATTTCTCTAAGGAAAACCAGACTCTGTCC
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ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC
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Restriction Sites: SgfI-MluI

Plasmid Map:



ACCN: NM\_001004310

Insert Size: 1305 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\\_001004310.2](#)

RefSeq Size: 1943 bp

RefSeq ORF: 1305 bp

Locus ID: 343413

UniProt ID:	<u>Q6DN72</u>
Cytogenetics:	1q23.2
Protein Families:	Druggable Genome, Transmembrane
MW:	47.7 kDa
Gene Summary:	<p>Acts as a MHC class II receptor (PubMed:20519654). When stimulated on its own, does not play a role in cytokine production or the release of cytotoxic granules by NK cells and cytotoxic CD8(+) T cells (PubMed:17213291, PubMed:18991291). Does not act as an Fc receptor (PubMed:18991291).[UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (1) represents the shorter transcript but encodes the longer protein (isoform 1).</p>