

## Product datasheet for **SC305699**

### FCRL3 (NM\_052939) Human Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	FCRL3 (NM_052939) Human Untagged Clone
Tag:	Tag Free
Symbol:	FCRL3
Synonyms:	CD307c; FCRH3; IFGP3; IRTA3; SPAP2
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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<b>OTI Annotation:</b>	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.
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"> <li>1. Centrifuge at 5,000xg for 5min.</li> <li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li> <li>3. Close the tube and incubate for 10 minutes at room temperature.</li> <li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li> <li>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.</li> </ol>
<b>RefSeq:</b>	<a href="#">NM_052939.3</a>
<b>RefSeq Size:</b>	3019 bp
<b>RefSeq ORF:</b>	2205 bp
<b>Locus ID:</b>	115352
<b>UniProt ID:</b>	<a href="#">Q96P31</a>
<b>Cytogenetics:</b>	1q23.1
<b>Protein Families:</b>	Transmembrane
<b>MW:</b>	80.9 kDa
<b>Gene Summary:</b>	This gene encodes a member of the immunoglobulin receptor superfamily and is one of several Fc receptor-like glycoproteins clustered on the long arm of chromosome 1. The encoded protein contains immunoreceptor-tyrosine activation motifs and immunoreceptor-tyrosine inhibitory motifs in its cytoplasmic domain and may play a role in regulation of the immune system. Mutations in this gene have been associated with rheumatoid arthritis, autoimmune thyroid disease, and systemic lupus erythematosus. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Feb 2016]