

## Product datasheet for **SC321114**

### CFHL2 (CFHR2) (NM\_005666) Human Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	CFHL2 (CFHR2) (NM_005666) Human Untagged Clone
Tag:	Tag Free
Symbol:	CFHL2
Synonyms:	CFHL2; FHR2; HFL3
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC (PS100020)
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	<p>&gt;OriGene sequence for NM_005666.2</p> <pre> GAAAATTCAAAAGTCATGCTCATAACTGTTAATGAAAGCAGATTCAAAGCAACACCACCAC CACTGAAGTATTTTTAGTTATATAAGATTGGAACACCAAGCATGGCTCCTGGTCAGT GTAATTCATCTCACGGATATCCTCTGTTGGGGGAGAAGCAATGTTCTGTGATTTTCCA AAAATAAACCATGGAATTCTATATGATGAAGAAAAATATAAGCCATTTTCCCAAGTTCCT ACAGGGGAAGTTTTCTATTACTCCTGTGAATATAATTTTGTGTCTCCTTCAAATCCTTT TGGACTCGCATAACGTGCGCAGAAGAAGGATGGTCACCAACACCAAAGTGTCTCAGACTG TGTTTCTTTCCTTTTGTGAAAAATGGTCATTCTGAATCTTCAGGACAAACACATCTGGAA GGTGATACTGTACAAATTATTTGCAACACAGGATACAGACTTCAAACAATGAGAACAAC ATTTTCATGTGTAGAACGGGGCTGGTCCACTCCTCCCAAATGCAGGTCCACTATTTCTGCA GAAAAATGTGGGCCCCCTCCACCTATTGACAATGGAGACATTACTTCATTCTGTGTCA GTATATGCTCCAGTTTCAGTTGAGTACCAGTGCCAGAACTTGATCAACTTGAGGGT AACAAATCAAATAACATGTAGAAACGGACAATGGTCAGAACCACCAAATGCTTAGATCCA TGTGTAATATCACAAGAAATTATGGAAAAATATAACATAAAATTAAGTGGACAAACCAA CAAAGCTTTTATCAAGAACAGGTGACATAGTTGAATTTGTTTGTAAATCTGGATATCAT CCAACAAAATCTCATTCTTTTCGAGCAATGTGTCAGAATGGGAAACTGGTATATCCCAGT TGTGAAGAAAAATAGAATCAATGGCATTACTATTAGTAAATGCACACCTTTTCTGAAT TACTATTATATTTGTTTTCAATTTTCATTTTCAAGTACTGTTTTACTCATTTTTATTCA TAAATAAAGTTTTGTGTTGATTTGTAAAAA</pre>
Restriction Sites:	Please inquire
ACCN:	NM_005666



[View online »](#)

<b>OTI Disclaimer:</b>	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).
<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_005666.2</a> , <a href="#">NP_005657.1</a>
<b>RefSeq Size:</b>	1043 bp
<b>RefSeq ORF:</b>	813 bp
<b>Locus ID:</b>	3080
<b>UniProt ID:</b>	<a href="#">P36980</a>
<b>Cytogenetics:</b>	1q31.3
<b>Domains:</b>	CCP
<b>Protein Families:</b>	Secreted Protein
<b>Gene Summary:</b>	<p>This gene belongs to a family of complement factor H-related genes (CFHR), which are clustered together with complement factor H gene on chromosome 1, and are involved in regulation of complement. Mutations in CFHR genes have been associated with dense deposit disease and atypical haemolytic-uraemic syndrome. Alternatively spliced transcript variants have been found for this gene. [provided by RefSeq, Aug 2015]</p> <p>Transcript Variant: This variant (1) 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.</p>