

Product datasheet for **SC116582**

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:	None
Vector:	<u>pCMV6-XL4</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>NCBI ORF sequence for NM_005666, the custom clone sequence may differ by one or more nucleotides

```
ATGTGGCTCCTGGTCAGTGAATTCTAATCTCACGGATATCCTCTGTTGGGGGAGAAGCAATGTTCTGTG
ATTTTCCAAAAATAAACCATGGAATTCTATATGATGAAGAAAAATAAGCCATTTTCCCAAGTTCTCTAC
AGGGGAAGTTTTCTATTACTCCTGTGAATATAATTTTGTGTCTCCTTCAAATCCTTTTGGACTCGCATA
ACGTGCGCAGAAGAAGGATGGTCACCAACACCAAAGTGTCTCAGACTGTGTTTCTTTCTTTTGTGGAAA
ATGGTCATTCTGAATCTTCAGGACAAACACATCTGGAAGGTGATACTGTACAAATATTTGCAACACAGG
ATACAGACTTCAAACAATGAGAACAACTTTTCATGTGTAGAACGGGGCTGGTCCACTCCTCCCAATGC
AGGTCCACTATTTCTGCAGAAAAATGTGGGCCCTCCACCTATTGACAATGGAGACATTACTTCATTCC
TGTTGTCAGTATATGCTCCAGGTTTCATCAGTTGAGTACCAGTGCCAGAACTTGTATCAACTTGAGGGTAA
CAATCAAATAACATGTAGAAACGGACAATGGTCAGAACCACAAAATGCTTAGATCCATGTGTAATATCA
CAAGAAATATGGAAAAATATAACATAAAATTAAGTGGACAAACCAACAAAAGCTTTATTCAAGAACAG
GTGACATAGTTGAATTTGTTTGTAAATCTGGATATCATCCAACAAAATCTCATTCAATTCGAGCAATGTG
TCAGAATGGGAACTGGTATATCCAGTTGTGAAGAAAAATAG
```



[View online »](#)

5' Read Nucleotide Sequence:	>OriGene 5' read for NM_005666 unedited GGTTTCGCATTTGTATACGACTCCTATAGGCGGCCCGGATTTCGGCACGAGCACTGAAGTA TTTTTAGTTATATAAGATTGGAACCTACCAAGCATGTGGCTCCTGGTCAGTGAATTCTAA TCTCACGGATATCCTCTGTTGGGGGAGAAGAGTCTTGCTCTGCGCCCCAGGATGGTGT TTAGTGGCATGATCTCGGCTCACTGCAACATACCCCTCCTGGGTTCAAGTGATTCTTCTG CCTCAGCCTCCAAGTAGCTGGGATTACAGGTGCGCACCACCACCTGGCTAATTTTTG TATTTTTAGTAGAGATGGGCTTTGCCATGTTGGCCAGGCTGGTCTCAAACCTCTGACCT CAAGTGATCCACCTACCTCAGCCTCCCAAAGTGCTGGGATTACAGCAATGTTCTGTGATT TTCCAAAAATAAACCATGGAATTCTATATGATGAAGAAAAATATAAGCCATTTTCCCAAG TTCCTACAGGGGAAGTTTTCTACTCCTGTGAATATAATTTTGTGTCTCCTTCAAAT CCTTTTGGACTCGCATAACGTGCGCAGAAGAAGGATGGTCACCAACACCAAAGTGTCTCA GACTGTGTTTTCTTTCTTTTGTGAAAAATGGTCATTCTGAATCTTCAGGACAAACACATC TGGAAAGGTGATACTGTACAAATTATTTGCAACACAGGATACAGACTTCAAACAATGAGA ACAACATTTTCATGTGTAGAACGGNGCTGGTCCACTCCTCCCAATGCAGTCCACTATTTT TGCAGAAAAATGTGGGCCCTCCACCTATTNGACATGGAGACATTACTTCATTCTGTT GTCAGTATATGCTTCCAGGTCATCAGTTGAGTACCAAGTCCAGAACTTGTATCAACTTGA GGNTACATCAAATACATGTN
3' Read Nucleotide Sequence:	>OriGene 3' read for NM_005666 unedited NNNTTTTNGGGGGNNNNAACGGGNNNTTANNNNNNNNNNTTTAATNTGNNACGCGG NCCGCATACNANGATCGNGTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTGCATTTTCA CAAATCAACACAAAACCTTTATTTATGAATAAAAAATGAGTAAAACAGTACTTGGAAAAATG AAATTGAAAACAAATATAATAGTAAATTCAGAAAAAGGGGGCATTTTACTAATAGTAAT GCCATTGATTCTATTTTTCTTCACAACTGGGATATACCAGTTTCCATTCTGACACATTG CTCGAAATGAATGAGATTTTGTGGATGATATCCAGATTTACAAACAAATCAACTATGT CACCTGTTCTTTGATAAAGNCTTTGTTGGTTNGCCCACTTTAATNTATGTATATTTTTT CATAAATTNCTGGGAAATACACATGGATCTAAGCATTTTGGTGGGTCTGACCATTGNC GTTCTACATGGTATTNGATTGGTACCCTCAAGTTGAAACAAGTTCTGGCACTGTTACTTA CTGATGAACCTGGAGCTATACTGACACCAGGAATGAAGAATGGCTCCATTGCAATAAGGG GAAGGGGCCCATTTTTTGGCCAAAATAGGGGACCGGCTTTGGGAAGGAATGGACCACCC CGGTTTTAACATGAAAAAAGGGTTCCCATTTGGTTGAAAATCTTGATTCTGGGGGTGCAA AAATTTGGAACGTTACACCTACAAAAGGGTTTGGCCTGAAAATCCAATGGACTTTTT TCCAAAAGGAAAAAACCAACCTGAACACTTTGGGTTGGGGACCATCCTTTTTTTGG CACCGTTTGA
Restriction Sites:	NotI-NotI
ACCN:	NM_005666
Insert Size:	1280 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).
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_005666.2](#), [NP_005657.1](#)

RefSeq Size: 1043 bp

RefSeq ORF: 813 bp

Locus ID: 3080

UniProt ID: [P36980](#)

Cytogenetics: 1q31.3

Domains: CCP

Protein Families: Secreted Protein

Gene Summary: 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]
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.