

## Product datasheet for **RC229800L4V**

### CFHR3 (NM\_001166624) Human Tagged ORF Clone Lentiviral Particle

#### Product data:

Product Type:	Lentiviral Particles
Product Name:	CFHR3 (NM_001166624) Human Tagged ORF Clone Lentiviral Particle
Symbol:	CFHR3
Synonyms:	CFHL3; DOWN16; FHR-3; FHR3; HLF4
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_001166624
ORF Size:	807 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC229800).
OTI Disclaimer:	The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. <a href="#">More info</a>
OTI Annotation:	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
RefSeq:	<a href="#">NM_001166624.1</a> , <a href="#">NP_001160096.1</a>
RefSeq ORF:	810 bp
Locus ID:	10878
UniProt ID:	<a href="#">Q02985</a>
Cytogenetics:	1q31.3
Protein Families:	Secreted Protein
MW:	31.2 kDa



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**Gene Summary:**

The protein encoded by this gene is a secreted protein, which belongs to the complement factor H-related protein family. It binds to heparin, and may be involved in complement regulation. Mutations in this gene are associated with decreased risk of age-related macular degeneration, and with an increased risk of atypical hemolytic-uremic syndrome. Alternatively spliced transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Oct 2011]