

Product datasheet for **RC220707L4V**

Factor H (CFH) (NM_000186) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Factor H (CFH) (NM_000186) Human Tagged ORF Clone Lentiviral Particle
Symbol:	Factor H
Synonyms:	AHUS1; AMBP1; ARMD4; ARMS1; CFHL3; FH; FHL1; HF; HF1; HF2; HUS
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_000186
ORF Size:	3693 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC220707).
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. More info
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:	NM_000186.2
RefSeq Size:	4004 bp
RefSeq ORF:	3696 bp
Locus ID:	3075
UniProt ID:	P08603
Cytogenetics:	1q31.3
Domains:	CCP
Protein Families:	Druggable Genome, Secreted Protein



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Protein Pathways: Complement and coagulation cascades

MW: 139.07 kDa

Gene Summary: This gene is a member of the Regulator of Complement Activation (RCA) gene cluster and encodes a protein with twenty short consensus repeat (SCR) domains. This protein is secreted into the bloodstream and has an essential role in the regulation of complement activation, restricting this innate defense mechanism to microbial infections. Mutations in this gene have been associated with hemolytic-uremic syndrome (HUS) and chronic hypocomplementemic nephropathy. Alternate transcriptional splice variants, encoding different isoforms, have been characterized. [provided by RefSeq, Oct 2011]