

Product datasheet for **RC227711L4V**

Properdin (CFP) (NM_001145252) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Properdin (CFP) (NM_001145252) Human Tagged ORF Clone Lentiviral Particle
Symbol:	Properdin
Synonyms:	BFD; PFC; PFD; PROPERDIN
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_001145252
ORF Size:	1407 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC227711).
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_001145252.1 , NP_001138724.1
RefSeq Size:	1669 bp
RefSeq ORF:	1410 bp
Locus ID:	5199
UniProt ID:	P27918
Cytogenetics:	Xp11.23
Protein Families:	Secreted Protein
MW:	51.3 kDa



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Gene Summary:

This gene encodes a plasma glycoprotein that positively regulates the alternative complement pathway of the innate immune system. This protein binds to many microbial surfaces and apoptotic cells and stabilizes the C3- and C5-convertase enzyme complexes in a feedback loop that ultimately leads to formation of the membrane attack complex and lysis of the target cell. Mutations in this gene result in two forms of properdin deficiency, which results in high susceptibility to meningococcal infections. Multiple alternatively spliced variants, encoding the same protein, have been identified.[provided by RefSeq, Feb 2009]