

## Product datasheet for **RC215801L1V**

### **CYPIVF8 (CYP4F8) (NM\_007253) Human Tagged ORF Clone Lentiviral Particle**

#### **Product data:**

Product Type:	Lentiviral Particles
Product Name:	CYPIVF8 (CYP4F8) (NM_007253) Human Tagged ORF Clone Lentiviral Particle
Symbol:	CYPIVF8
Synonyms:	CPF8; CYPIVF8
Mammalian Cell Selection:	None
Vector:	pLenti-C-Myc-DDK (PS100064)
Tag:	Myc-DDK
ACCN:	NM_007253
ORF Size:	1560 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC215801).
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_007253.2</a>
RefSeq Size:	1847 bp
RefSeq ORF:	1563 bp
Locus ID:	11283
UniProt ID:	<a href="#">P98187</a>
Cytogenetics:	19p13.12
Protein Families:	Druggable Genome, P450, Transmembrane
MW:	59.8 kDa



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**Gene Summary:**

This gene, CYP4F8, encodes a member of the cytochrome P450 superfamily of enzymes. The cytochrome P450 proteins are monooxygenases which catalyze many reactions involved in drug metabolism and synthesis of cholesterol, steroids and other lipids. This protein localizes to the endoplasmic reticulum and functions as a 19-hydroxylase of prostaglandins in seminal vesicles. This gene is part of a cluster of cytochrome P450 genes on chromosome 19. Another member of this family, CYP4F3, is approximately 18 kb away. [provided by RefSeq, Jul 2008]