

## Product datasheet for **RC211671L4V**

### **CYP4B1 (NM\_001099772) Human Tagged ORF Clone Lentiviral Particle**

#### **Product data:**

Product Type:	Lentiviral Particles
Product Name:	CYP4B1 (NM_001099772) Human Tagged ORF Clone Lentiviral Particle
Symbol:	CYP4B1
Synonyms:	CYPIVB1; P-450HP
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_001099772
ORF Size:	1536 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC211671).
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_001099772.1</a>
RefSeq Size:	2173 bp
RefSeq ORF:	1539 bp
Locus ID:	1580
UniProt ID:	<a href="#">P13584</a>
Cytogenetics:	1p33
Protein Families:	Druggable Genome, P450, Transmembrane
MW:	59.1 kDa



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**Gene Summary:**

This gene 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. In rodents, the homologous protein has been shown to metabolize certain carcinogens; however, the specific function of the human protein has not been determined. Multiple transcript variants have been found for this gene. [provided by RefSeq, Jan 2016]