

Product datasheet for **RC209304L2V**

CYP4V2 (NM_207352) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	CYP4V2 (NM_207352) Human Tagged ORF Clone Lentiviral Particle
Symbol:	CYP4V2
Synonyms:	BCD; CYP4AH1
Mammalian Cell Selection:	None
Vector:	pLenti-C-mGFP (PS100071)
Tag:	mGFP
ACCN:	NM_207352
ORF Size:	1575 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC209304).
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_207352.3
RefSeq Size:	4713 bp
RefSeq ORF:	1578 bp
Locus ID:	285440
UniProt ID:	Q6ZWL3
Cytogenetics:	4q35.1-q35.2
Protein Families:	Druggable Genome, P450, Transmembrane
MW:	60.7 kDa



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Gene Summary:

This gene encodes a member of the cytochrome P450 hemethiolate protein superfamily which are involved in oxidizing various substrates in the metabolic pathway. It is implicated in the metabolism of fatty acid precursors into n-3 polyunsaturated fatty acids. Mutations in this gene result in Bietti crystalline corneoretinal dystrophy. [provided by RefSeq, Jul 2008]