

Product datasheet for **RC207426L4V**

CYP2S1 (NM_030622) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	CYP2S1 (NM_030622) Human Tagged ORF Clone Lentiviral Particle
Symbol:	CYP2S1
Synonyms:	CYPIIS1
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_030622
ORF Size:	1512 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC207426).
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_030622.6
RefSeq Size:	2657 bp
RefSeq ORF:	1515 bp
Locus ID:	29785
UniProt ID:	Q96SQ9
Cytogenetics:	19q13.2
Domains:	p450
Protein Families:	Druggable Genome, P450, Transmembrane



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Protein Pathways: Metabolism of xenobiotics by cytochrome P450

MW: 55.8 kDa

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. [provided by RefSeq, Jul 2008]