

## Product datasheet for **RC222130L4V**

### **OATP2 (SLCO1B1) (NM\_006446) Human Tagged ORF Clone Lentiviral Particle**

#### **Product data:**

Product Type:	Lentiviral Particles
Product Name:	OATP2 (SLCO1B1) (NM_006446) Human Tagged ORF Clone Lentiviral Particle
Symbol:	OATP2
Synonyms:	HBLRR; LST-1; LST1; OATP-C; OATP1B1; OATP2; OATPC; SLC21A6
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_006446
ORF Size:	2073 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC222130).
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_006446.2</a>
RefSeq Size:	2830 bp
RefSeq ORF:	2076 bp
Locus ID:	10599
UniProt ID:	<a href="#">Q9Y6L6</a>
Cytogenetics:	12p12.1
Domains:	OATP_N, OATP_C
Protein Families:	Druggable Genome, Transmembrane



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**MW:** 76.3 kDa

**Gene Summary:** This gene encodes a liver-specific member of the organic anion transporter family. The encoded protein is a transmembrane receptor that mediates the sodium-independent uptake of numerous endogenous compounds including bilirubin, 17-beta-glucuronosyl estradiol and leukotriene C4. This protein is also involved in the removal of drug compounds such as statins, bromosulfophthalein and rifampin from the blood into the hepatocytes. Polymorphisms in the gene encoding this protein are associated with impaired transporter function. [provided by RefSeq, Mar 2009]