

## Product datasheet for **RC222317L4V**

### SLCO1B3 (NM\_019844) Human Tagged ORF Clone Lentiviral Particle

#### Product data:

Product Type:	Lentiviral Particles
Product Name:	SLCO1B3 (NM_019844) Human Tagged ORF Clone Lentiviral Particle
Symbol:	SLCO1B3
Synonyms:	HBLRR; LST-2; LST-3TM13; LST3; OATP-8; OATP1B3; OATP8; SLC21A8
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_019844
ORF Size:	2106 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC222317).
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_019844.1</a>
RefSeq Size:	2646 bp
RefSeq ORF:	2109 bp
Locus ID:	28234
UniProt ID:	<a href="#">Q9NPD5</a>
Cytogenetics:	12p12.2
Domains:	OATP_N, OATP_C
Protein Families:	Druggable Genome, Transmembrane



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**MW:** 77.2 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 endogenous and xenobiotic compounds and plays a critical role in bile acid and bilirubin transport. Mutations in this gene are a cause of Rotor type hyperbilirubinemia. Alternative splicing of this gene and the use of alternative promoters results in transcript variants encoding different isoforms that differ in their tissue specificity. [provided by RefSeq, Mar 2017]