OriGene Technologies, Inc.
9620 Medical Center Drive, Ste 200
Rockville, MD 20850, US
Phone: +1-888-267-4436
https://www.origene.com
techsupport@origene.com
EU: info-de@origene.com
CN: techsupport@origene.cn

Product datasheet for RC222317L1V

SLCO1B3 (NM_019844) Human Tagged ORF Clone Lentiviral Particle

Product data:

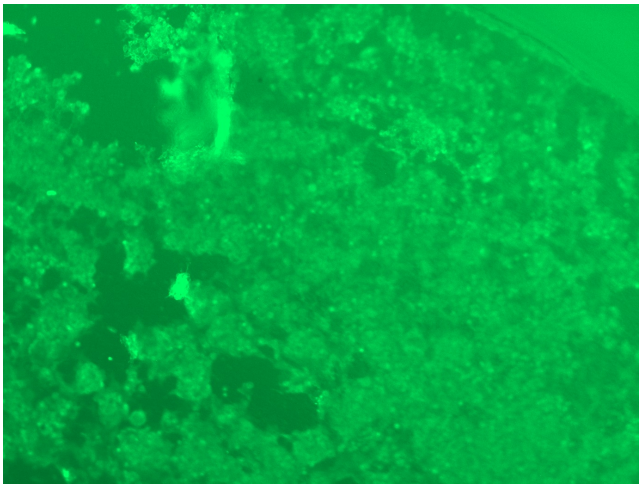
Product Type:	Lentiviral Particles
Product Name:	SLCO1B3 (NM_019844) Human Tagged ORF Clone Lentiviral Particle
Symbol:	SLCO1B3
Synonyms:	HBLRR; LST-2; LST-3TM13; LST3; OATP-8; OATP1B3; OATP8; SLC21A8
Mammalian Cell Selection:	None
Vector:	pLenti-C-Myc-DDK (PS100064)
Tag:	Myc-DDK
ACCN:	NM_019844
ORF 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. 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_019844.1
RefSeq Size:	2646 bp
RefSeq ORF:	2109 bp
Locus ID:	28234
UniProt ID:	Q9NPD5
Cytogenetics:	12p12.2
Domains:	OATP_N, OATP_C
Protein Families:	Druggable Genome, Transmembrane

View online »

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]

Product images:



[RC222317L1] was used to prepare Lentiviral particles using [TR30037] packaging kit. HEK293T cells were transduced with RC222317L1V particle to overexpress human SLCO1B3-Myc-DDK fusion protein.