

Product datasheet for **RC226774L4V**

SLCO1C1 (NM_001145945) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Symbol:	SLCO1C1
Synonyms:	OATP-F; OATP1; OATP1C1; OATP14; OATPF; OATPRP5; SLC21A14
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_001145945
ORF Size:	1989 bp

ORF Nucleotide Sequence: The ORF insert of this clone is exactly the same as(RC226774).

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_001145945.1](#), [NP_001139417.1](#)

RefSeq ORF: 1992 bp

Locus ID: 53919

UniProt ID: [Q9NYB5](#)

Cytogenetics: 12p12.2

Protein Families: Transmembrane



MW: 73.1 kDa

Gene Summary: This gene encodes a member of the organic anion transporter family. The encoded protein is a transmembrane receptor that mediates the sodium-independent uptake of thyroid hormones in brain tissues. This protein has particularly high affinity for the thyroid hormones thyroxine, tri-iodothyronine and reverse tri-iodothyronine. Polymorphisms in the gene encoding this protein may be associated with fatigue and depression in patients suffering from hyperthyroidism. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Mar 2009]