

## Product datasheet for **RC221312L4V**

### **SGLT1 (SLC5A1) (NM\_000343) Human Tagged ORF Clone Lentiviral Particle**

#### **Product data:**

Product Type:	Lentiviral Particles
Product Name:	SGLT1 (SLC5A1) (NM_000343) Human Tagged ORF Clone Lentiviral Particle
Symbol:	SGLT1
Synonyms:	D22S675; NAGT; SGLT1
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_000343
ORF Size:	1992 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC221312).
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_000343.1</a>
RefSeq Size:	2449 bp
RefSeq ORF:	1995 bp
Locus ID:	6523
UniProt ID:	<a href="#">P13866</a>
Cytogenetics:	22q12.3
Domains:	SSF
Protein Families:	Druggable Genome, Transmembrane



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**MW:** 73.3 kDa

**Gene Summary:** This gene encodes a member of the sodium-dependent glucose transporter (SGLT) family. The encoded integral membrane protein is the primary mediator of dietary glucose and galactose uptake from the intestinal lumen. Mutations in this gene have been associated with glucose-galactose malabsorption. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Jan 2012]