

## Product datasheet for **RC224822L4V**

### **SGLT2 (SLC5A2) (NM\_003041) Human Tagged ORF Clone Lentiviral Particle**

#### **Product data:**

Product Type:	Lentiviral Particles
Product Name:	SGLT2 (SLC5A2) (NM_003041) Human Tagged ORF Clone Lentiviral Particle
Symbol:	SGLT2
Synonyms:	SGLT2
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_003041
ORF Size:	2016 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC224822).
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_003041.2</a>
RefSeq Size:	2271 bp
RefSeq ORF:	2019 bp
Locus ID:	6524
UniProt ID:	<a href="#">P31639</a>
Cytogenetics:	16p11.2
Protein Families:	Transmembrane
MW:	72.7 kDa


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**Gene Summary:**

This gene encodes a member of the sodium glucose cotransporter family which are sodium-dependent glucose transport proteins. The encoded protein is the major cotransporter involved in glucose reabsorption in the kidney. Mutations in this gene are associated with renal glucosuria. Two transcript variants, one protein-coding and one not, have been found for this gene. [provided by RefSeq, Feb 2015]