

## Product datasheet for **MR209884L4V**

### Slc5a1 (NM\_019810) Mouse Tagged ORF Clone Lentiviral Particle

#### Product data:

Product Type:	Lentiviral Particles
Product Name:	Slc5a1 (NM_019810) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Slc5a1
Synonyms:	Sglt1
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_019810
ORF Size:	1995 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR209884).
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_019810.4</a> , <a href="#">NP_062784.3</a>
RefSeq Size:	3933 bp
RefSeq ORF:	1998 bp
Locus ID:	20537
UniProt ID:	<a href="#">Q8C3K6</a>
Cytogenetics:	5 B1



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**Gene Summary:**

Actively transports glucose into cells by Na(+) cotransport with a Na(+) to glucose coupling ratio of 2:1. Efficient substrate transport in mammalian kidney is provided by the concerted action of a low affinity high capacity and a high affinity low capacity Na(+)/glucose cotransporter arranged in series along kidney proximal tubules.[UniProtKB/Swiss-Prot Function]