

## Product datasheet for **MR208388L3V**

### Slc2a2 (NM\_031197) Mouse Tagged ORF Clone Lentiviral Particle

#### Product data:

Product Type:	Lentiviral Particles
Product Name:	Slc2a2 (NM_031197) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Slc2a2
Synonyms:	AI266973; Glut-2; Glut2
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_031197
ORF Size:	1572 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR208388).
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_031197.1</a> , <a href="#">NP_112474.1</a>
RefSeq Size:	2571 bp
RefSeq ORF:	1572 bp
Locus ID:	20526
UniProt ID:	<a href="#">P14246</a>
Cytogenetics:	3 12.19 cM



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**Gene Summary:**

Facilitative hexose transporter that mediates the transport of glucose and fructose. Likely mediates the bidirectional transfer of glucose across the plasma membrane of hepatocytes and is responsible for uptake of glucose by the beta cells; may comprise part of the glucose-sensing mechanism of the beta cell. May also participate with the Na(+)/glucose cotransporter in the transcellular transport of glucose in the small intestine and kidney. Also able to mediate the transport of dehydroascorbate.[UniProtKB/Swiss-Prot Function]