

Product datasheet for **MR208045L4V**

Slc2a5 (NM_019741) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

| | |
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| Product Type: | Lentiviral Particles |
| Product Name: | Slc2a5 (NM_019741) Mouse Tagged ORF Clone Lentiviral Particle |
| Symbol: | Slc2a5 |
| Synonyms: | AI526984; Glut5; Slc5a |
| Mammalian Cell Selection: | Puromycin |
| Vector: | pLenti-C-mGFP-P2A-Puro (PS100093) |
| Tag: | mGFP |
| ACCN: | NM_019741 |
| ORF Size: | 1506 bp |
| ORF Nucleotide Sequence: | The ORF insert of this clone is exactly the same as(MR208045). |
| 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_019741.2 |
| RefSeq Size: | 3096 bp |
| RefSeq ORF: | 1506 bp |
| Locus ID: | 56485 |
| UniProt ID: | Q9WV38 |
| Cytogenetics: | 4 E2 |



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Gene Summary:

Functions as a fructose transporter that has only low activity with other monosaccharides (PubMed:12031501, PubMed:19091748). Can mediate the uptake of deoxyglucose, but with low efficiency (By similarity). Essential for fructose uptake in the small intestine (PubMed:19091748, PubMed:26071406). Plays a role in the regulation of salt uptake and blood pressure in response to dietary fructose (PubMed:19091748). Required for the development of high blood pressure in response to high dietary fructose intake (PubMed:19091748).[UniProtKB/Swiss-Prot Function]