

## Product datasheet for **RC209979L4V**

### GLUT12 (SLC2A12) (NM\_145176) Human Tagged ORF Clone Lentiviral Particle

#### Product data:

Product Type:	Lentiviral Particles
Product Name:	GLUT12 (SLC2A12) (NM_145176) Human Tagged ORF Clone Lentiviral Particle
Symbol:	GLUT12
Synonyms:	GLUT8; GLUT12
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_145176
ORF Size:	1851 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC209979).
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_145176.2</a>
RefSeq Size:	5599 bp
RefSeq ORF:	1854 bp
Locus ID:	154091
UniProt ID:	<a href="#">Q8TD20</a>
Cytogenetics:	6q23.2
Domains:	sugar_tr
Protein Families:	Transmembrane



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**MW:** 67 kDa

**Gene Summary:** SLC2A12 belongs to a family of transporters that catalyze the uptake of sugars through facilitated diffusion (Rogers et al., 2002). This family of transporters show conservation of 12 transmembrane helices as well as functionally significant amino acid residues (Joost and Thorens, 2001 [PubMed 11780753]).[supplied by OMIM, Mar 2008]