

## Product datasheet for **RC213420L1V**

### **PQLC2 (SLC66A1) (NM\_017765) Human Tagged ORF Clone Lentiviral Particle**

#### **Product data:**

Product Type:	Lentiviral Particles
Product Name:	PQLC2 (SLC66A1) (NM_017765) Human Tagged ORF Clone Lentiviral Particle
Symbol:	SLC66A1
Synonyms:	LAAT-1; LAAT1; PQLC2
Mammalian Cell Selection:	None
Vector:	pLenti-C-Myc-DDK (PS100064)
Tag:	Myc-DDK
ACCN:	NM_017765
ORF Size:	873 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC213420).
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_017765.2</a>
RefSeq Size:	1909 bp
RefSeq ORF:	876 bp
Locus ID:	54896
UniProt ID:	<a href="#">Q6ZP29</a>
Cytogenetics:	1p36.13
Domains:	CTNS
Protein Families:	Transmembrane



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**MW:** 31.8 kDa

**Gene Summary:** Amino acid transporter that specifically mediates the pH-dependent export of the cationic amino acids arginine, histidine and lysine from lysosomes.[UniProtKB/Swiss-Prot Function]