

Product datasheet for RC221672L4V

OriGene Technologies, Inc.

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PQLC2 (SLC66A1) (NM_001040125) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type: Lentiviral Particles

Product Name: PQLC2 (SLC66A1) (NM_001040125) Human Tagged ORF Clone Lentiviral Particle

Symbol: SLC66A1

Synonyms: LAAT-1; LAAT1; PQLC2

Mammalian Cell

Selection:

Puromycin

Vector: pLenti-C-mGFP-P2A-Puro (PS100093)

Tag: mGFP

ACCN: NM_001040125

ORF Size: 873 bp

ORF Nucleotide

The ORF insert of this clone is exactly the same as(RC221672).

Sequence:

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.

RefSeg: NM 001040125.1

 RefSeq Size:
 2279 bp

 RefSeq ORF:
 876 bp

 Locus ID:
 54896

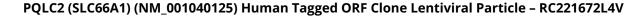
 UniProt ID:
 Q6ZP29

 Cytogenetics:
 1p36.13

Protein Families: Transmembrane

MW: 31.9 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]