

## Product datasheet for **RC228638L4V**

### SLC12A4 (NM\_001145962) Human Tagged ORF Clone Lentiviral Particle

#### Product data:

Product Type:	Lentiviral Particles
Product Name:	SLC12A4 (NM_001145962) Human Tagged ORF Clone Lentiviral Particle
Symbol:	SLC12A4
Synonyms:	CTC-479C5.17; hKCC1; KCC1
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_001145962
ORF Size:	3261 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC228638).
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_001145962.1</a> , <a href="#">NP_001139434.1</a>
RefSeq ORF:	3264 bp
Locus ID:	6560
UniProt ID:	<a href="#">Q9UP95</a>
Cytogenetics:	16q22.1
Protein Families:	Transmembrane
MW:	119.6 kDa



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**Gene Summary:**

This gene encodes a member of the SLC12A transporter family. The encoded protein mediates the coupled movement of potassium and chloride ions across the plasma membrane. This gene is expressed ubiquitously. Multiple alternatively spliced transcript variants encoding distinct isoforms have been found for this gene. [provided by RefSeq, Jan 2013]