

## Product datasheet for **RC219646L4V**

### SLC4A4 (NM\_003759) Human Tagged ORF Clone Lentiviral Particle

#### Product data:

Product Type:	Lentiviral Particles
Product Name:	SLC4A4 (NM_003759) Human Tagged ORF Clone Lentiviral Particle
Symbol:	SLC4A4
Synonyms:	hhNMC; HNBC1; KNBC; kNBC1; NBC1; NBC2; NBCe1-A; pNBC; SLC4A5
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_003759
ORF Size:	3105 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC219646).
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_003759.3</a> , <a href="#">NP_003750.1</a>
RefSeq Size:	7640 bp
RefSeq ORF:	3108 bp
Locus ID:	8671
UniProt ID:	<a href="#">Q9Y6R1</a>
Cytogenetics:	4q13.3
Domains:	HCO3_cotransp
Protein Families:	Druggable Genome, Transmembrane



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**MW:** 116 kDa

**Gene Summary:** This gene encodes a sodium bicarbonate cotransporter (NBC) involved in the regulation of bicarbonate secretion and absorption and intracellular pH. Mutations in this gene are associated with proximal renal tubular acidosis. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Oct 2008]