

## Product datasheet for **RC214890L3V**

### SLC9A1 (NM\_003047) Human Tagged ORF Clone Lentiviral Particle

#### Product data:

Product Type:	Lentiviral Particles
Product Name:	SLC9A1 (NM_003047) Human Tagged ORF Clone Lentiviral Particle
Symbol:	SLC9A1
Synonyms:	APNH; LIKNS; NHE-1; NHE1; PPP1R143
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_003047
ORF Size:	2445 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC214890).
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_003047.2</a>
RefSeq Size:	4516 bp
RefSeq ORF:	2448 bp
Locus ID:	6548
UniProt ID:	<a href="#">P19634</a>
Cytogenetics:	1p36.11
Protein Families:	Druggable Genome, Transmembrane
Protein Pathways:	Cardiac muscle contraction, Regulation of actin cytoskeleton



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**MW:** 90.6 kDa

**Gene Summary:** This gene encodes a Na<sup>+</sup>/H<sup>+</sup> antiporter that is a member of the solute carrier family 9. The encoded protein is a plasma membrane transporter that is expressed in the kidney and intestine. This protein plays a central role in regulating pH homeostasis, cell migration and cell volume. This protein may also be involved in tumor growth. [provided by RefSeq, Sep 2011]