

## Product datasheet for **RC207826L3V**

### SLC9A9 (NM\_173653) Human Tagged ORF Clone Lentiviral Particle

#### Product data:

Product Type:	Lentiviral Particles
Product Name:	SLC9A9 (NM_173653) Human Tagged ORF Clone Lentiviral Particle
Symbol:	SLC9A9
Synonyms:	AUTS16; NHE9
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_173653
ORF Size:	1935 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC207826).
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_173653.3</a>
RefSeq Size:	3647 bp
RefSeq ORF:	1938 bp
Locus ID:	285195
UniProt ID:	<a href="#">Q8IVB4</a>
Cytogenetics:	3q24
Protein Families:	Druggable Genome, Transmembrane
MW:	72.6 kDa



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**Gene Summary:**

This gene encodes a sodium/proton exchanger that is a member of the solute carrier 9 protein family. The encoded protein localizes to the late recycling endosomes and may play an important role in maintaining cation homeostasis. Mutations in this gene are associated with autism susceptibility 16 and attention-deficit/hyperactivity disorder. [provided by RefSeq, Mar 2012]