

Product datasheet for **RC211428L4V**

SLC5A4 (NM_014227) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	SLC5A4 (NM_014227) Human Tagged ORF Clone Lentiviral Particle
Symbol:	SLC5A4
Synonyms:	DJ90G24.4; SAAT1; SGLT3
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_014227
ORF Size:	1977 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC211428).
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.
RefSeq:	NM_014227.1
RefSeq Size:	2043 bp
RefSeq ORF:	1980 bp
Locus ID:	6527
UniProt ID:	Q9NY91
Cytogenetics:	22q12.3
Protein Families:	Transmembrane
MW:	72.3 kDa



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Gene Summary:

Has electrogenic activity in response to glucose, and may function as a glucose sensor (PubMed:13130073, PubMed:17110502, PubMed:20421923, PubMed:22766068). Mediates influx of sodium ions into the cell but does not transport sugars (PubMed:13130073, PubMed:22766068). Also potently activated by imino sugars such as deoxynojirimycin (DNJ) (PubMed:17110502, PubMed:20421923, PubMed:22766068).[UniProtKB/Swiss-Prot Function]