

Product datasheet for **RC201892L4V**

SLC38A2 (NM_018976) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	SLC38A2 (NM_018976) Human Tagged ORF Clone Lentiviral Particle
Symbol:	SLC38A2
Synonyms:	ATA2; PRO1068; SAT2; SNAT2
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_018976
ORF Size:	1518 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC201892).
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_018976.3
RefSeq Size:	4961 bp
RefSeq ORF:	1521 bp
Locus ID:	54407
UniProt ID:	Q96QD8
Cytogenetics:	12q13.11
Domains:	Aa_trans
Protein Families:	Druggable Genome, Transmembrane


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MW: 56 kDa

Gene Summary: Functions as a sodium-dependent amino acid transporter. Mediates the saturable, pH-sensitive and electrogenic cotransport of neutral amino acids and sodium ions with a stoichiometry of 1:1. May function in the transport of amino acids at the blood-brain barrier and in the supply of maternal nutrients to the fetus through the placenta.[UniProtKB/Swiss-Prot Function]