

## Product datasheet for **RC200795L1V**

### SLC38A5 (NM\_033518) Human Tagged ORF Clone Lentiviral Particle

#### Product data:

Product Type:	Lentiviral Particles
Product Name:	SLC38A5 (NM_033518) Human Tagged ORF Clone Lentiviral Particle
Symbol:	SLC38A5
Synonyms:	JM24; pp7194; SN2; SNAT5
Mammalian Cell Selection:	None
Vector:	pLenti-C-Myc-DDK (PS100064)
Tag:	Myc-DDK
ACCN:	NM_033518
ORF Size:	1416 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC200795).
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_033518.1</a>
RefSeq Size:	1993 bp
RefSeq ORF:	1419 bp
Locus ID:	92745
UniProt ID:	<a href="#">Q8WUX1</a>
Cytogenetics:	Xp11.23
Protein Families:	Transmembrane
MW:	51.5 kDa



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**Gene Summary:**

The protein encoded by this gene is a system N sodium-coupled amino acid transporter. The encoded protein transports glutamine, asparagine, histidine, serine, alanine, and glycine across the cell membrane, but does not transport charged amino acids, imino acids, or N-alkylated amino acids. Alternative splicing results in multiple transcript variants, but the full-length nature of some of these variants has not been determined. [provided by RefSeq, Aug 2013]