

## Product datasheet for **RC201915L4V**

### SLC17A5 (NM\_012434) Human Tagged ORF Clone Lentiviral Particle

#### Product data:

Product Type:	Lentiviral Particles
Product Name:	SLC17A5 (NM_012434) Human Tagged ORF Clone Lentiviral Particle
Symbol:	SLC17A5
Synonyms:	AST; ISSD; NSD; SD; SIALIN; SIASD; SLD
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_012434
ORF Size:	1485 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC201915).
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_012434.3</a> , <a href="#">NP_036566.1</a>
RefSeq Size:	3292 bp
RefSeq ORF:	1488 bp
Locus ID:	26503
UniProt ID:	<a href="#">Q9NRA2</a>
Cytogenetics:	6q13
Domains:	sugar_tr
Protein Families:	Transmembrane



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**Protein Pathways:** Lysosome

**MW:** 54.5 kDa

**Gene Summary:** This gene encodes a membrane transporter that exports free sialic acids that have been cleaved off of cell surface lipids and proteins from lysosomes. Mutations in this gene cause sialic acid storage diseases, including infantile sialic acid storage disorder and Salla disease, an adult form. [provided by RefSeq, Jul 2008]