

Product datasheet for **RC205049L4V**

SLC3A1 (NM_000341) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	SLC3A1 (NM_000341) Human Tagged ORF Clone Lentiviral Particle
Symbol:	SLC3A1
Synonyms:	ATR1; CSNU1; D2H; NBAT; RBAT
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_000341
ORF Size:	2055 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC205049).
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_000341.2 , NP_000332.1
RefSeq Size:	2323 bp
RefSeq ORF:	2058 bp
Locus ID:	6519
UniProt ID:	Q07837
Cytogenetics:	2p21
Protein Families:	Druggable Genome, Transmembrane
MW:	78.7 kDa



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Gene Summary:

This gene encodes a type II membrane glycoprotein which is one of the components of the renal amino acid transporter which transports neutral and basic amino acids in the renal tubule and intestinal tract. Mutations and deletions in this gene are associated with cystinuria. Alternatively spliced transcript variants have been described, but their biological validity has not been determined. [provided by RefSeq, Jul 2008]