

Product datasheet for **RC203628L4V**

SLC39A1 (NM_014437) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	SLC39A1 (NM_014437) Human Tagged ORF Clone Lentiviral Particle
Symbol:	SLC39A1
Synonyms:	ZIP1; ZIRTL
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_014437
ORF Size:	972 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC203628).
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_014437.3
RefSeq Size:	2462 bp
RefSeq ORF:	975 bp
Locus ID:	27173
UniProt ID:	Q9NY26
Cytogenetics:	1q21.3
Domains:	Zip
Protein Families:	Transmembrane



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MW: 34.2 kDa

Gene Summary: This gene encodes a member of the zinc-iron permease family. The encoded protein is localized to the cell membrane and acts as a zinc uptake transporter. This gene has been linked to prostate cancer, breast cancer, and Alzheimer's disease. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Dec 2012]