

Product datasheet for **RR212935L4V**

Slc25a1 (NM_017307) Rat Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Slc25a1 (NM_017307) Rat Tagged ORF Clone Lentiviral Particle
Symbol:	Slc25a1
Synonyms:	Cic; Ctp; Slc20a3
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_017307
ORF Size:	933 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RR212935).
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_017307.3 , NP_059003.1
RefSeq Size:	1669 bp
RefSeq ORF:	936 bp
Locus ID:	29743
UniProt ID:	P32089
Cytogenetics:	11q23



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Gene Summary:

This gene encodes a member of the mitochondrial carrier family. The encoded protein is responsible for the movement of tricarboxylates, such as citrate, across the inner mitochondrial membrane. It is essential to the bioenergetics of hepatic cells, supplying the cytoplasm with a carbon source for fatty acid and sterol biosynthesis, and NAD⁺ for the glycolytic pathway. [provided by RefSeq, Jul 2008]