

Product datasheet for **RC228995L4V**

SLC25A13 (NM_001160210) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	SLC25A13 (NM_001160210) Human Tagged ORF Clone Lentiviral Particle
Symbol:	SLC25A13
Synonyms:	ARALAR2; CITRIN; CTLN2; NICCD
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_001160210
ORF Size:	2028 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC228995).
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_001160210.1 , NP_001153682.1
RefSeq Size:	3207 bp
RefSeq ORF:	2031 bp
Locus ID:	10165
UniProt ID:	Q9UJS0
Cytogenetics:	7q21.3
Protein Families:	Druggable Genome
MW:	74.3 kDa



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Gene Summary:

This gene is a member of the mitochondrial carrier family. The encoded protein contains four EF-hand Ca(2+) binding motifs in the N-terminal domain, and localizes to mitochondria. The protein catalyzes the exchange of aspartate for glutamate and a proton across the inner mitochondrial membrane, and is stimulated by calcium on the external side of the inner mitochondrial membrane. Mutations in this gene result in citrullinemia, type II. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, May 2009]