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Product datasheet for RC200657L4V

Citrate transport protein (SLC25A1) (NM_005984) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Citrate transport protein (SLC25A1) (NM_005984) Human Tagged ORF Clone Lentiviral Particle
Symbol:	Citrate transport protein
Synonyms:	CMS23; CTP; D2L2AD; SEA; SLC20A3
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_005984
ORF Size:	933 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC200657).
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_005984.1
RefSeq Size:	1619 bp
RefSeq ORF:	936 bp
Locus ID:	6576
UniProt ID:	P53007
Cytogenetics:	22q11.21
Domains:	mito_carr

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Protein Families:	Druggable Genome
MW:	34.01 kDa
Gene Summary:	This gene encodes a member of the mitochondrial carrier subfamily of solute carrier proteins. Members of this family include nuclear-encoded transporters that translocate small metabolites across the mitochondrial membrane. This protein regulates the movement of citrate across the inner membranes of the mitochondria. Mutations in this gene have been associated with combined D-2- and L-2-hydroxyglutaric aciduria. Pseudogenes of this gene have been identified on chromosomes 7, 11, 16, and 19. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Dec 2013]