

Product datasheet for **RC210858L4V**

SLC16A11 (NM_153357) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	SLC16A11 (NM_153357) Human Tagged ORF Clone Lentiviral Particle
Symbol:	SLC16A11
Synonyms:	MCT 11; MCT11
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_153357
ORF Size:	1413 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC210858).
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_153357.1 , NP_699188.1
RefSeq Size:	1803 bp
RefSeq ORF:	1344 bp
Locus ID:	162515
UniProt ID:	Q8NCK7
Cytogenetics:	17p13.1
Protein Families:	Transmembrane
MW:	47.8 kDa


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Gene Summary:

Proton-linked monocarboxylate transporter. It catalyzes the transport of pyruvate across the plasma membrane (PubMed:28666119). Probably involved in hepatic lipid metabolism: overexpression results in an increase of triacylglycerol(TAG) levels, small increases in intracellular diacylglycerols and decreases in lysophosphatidylcholine, cholesterol ester and sphingomyelin lipids (PubMed:24390345).[UniProtKB/Swiss-Prot Function]