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Product datasheet for RC209557L2V

SLC27A4 (NM_005094) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	SLC27A4 (NM_005094) Human Tagged ORF Clone Lentiviral Particle
Symbol:	SLC27A4
Synonyms:	ACSVL4; FATP4; IPS
Mammalian Cell Selection:	None
Vector:	pLenti-C-mGFP (PS100071)
Tag:	mGFP
ACCN:	NM_005094
ORF Size:	1929 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC209557).
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_005094.2
RefSeq Size:	2991 bp
RefSeq ORF:	1932 bp
Locus ID:	10999
UniProt ID:	Q6P1M0
Cytogenetics:	9q34.11
Domains:	AMP-binding
Protein Families:	Transmembrane

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Protein Pathways: PPAR signaling pathway

MW: 71.9 kDa

Gene Summary: This gene encodes a member of a family of fatty acid transport proteins, which are involved in translocation of long-chain fatty acids cross the plasma membrane. This protein is expressed at high levels on the apical side of mature enterocytes in the small intestine, and appears to be the principal fatty acid transporter in enterocytes. Clinical studies suggest this gene as a candidate gene for the insulin resistance syndrome. Mutations in this gene have been associated with ichthyosis prematurity syndrome. [provided by RefSeq, Apr 2010]