

Product datasheet for **RC206311L4V**

ACSS1 (NM_032501) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	ACSS1 (NM_032501) Human Tagged ORF Clone Lentiviral Particle
Symbol:	ACSS1
Synonyms:	ACAS2L; ACECS1; AceCS2L
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_032501
ORF Size:	2067 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC206311).
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_032501.2
RefSeq Size:	3692 bp
RefSeq ORF:	2070 bp
Locus ID:	84532
UniProt ID:	Q9NUB1
Cytogenetics:	20p11.21
Domains:	AMP-binding



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Protein Pathways:	Glycolysis / Gluconeogenesis, Metabolic pathways, Propanoate metabolism, Pyruvate metabolism
MW:	74.9 kDa
Gene Summary:	This gene encodes a mitochondrial acetyl-CoA synthetase enzyme. A similar protein in mice plays an important role in the tricarboxylic acid cycle by catalyzing the conversion of acetate to acetyl CoA. Alternatively spliced transcript variants encoding multiple isoforms have been observed for this gene. [provided by RefSeq, Nov 2011]