

Product datasheet for **RC205207L4V**

LARS2 (NM_015340) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	LARS2 (NM_015340) Human Tagged ORF Clone Lentiviral Particle
Symbol:	LARS2
Synonyms:	HLASA; LEURS; mtLeuRS; PRLTS4
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_015340
ORF Size:	2709 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC205207).
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_015340.3
RefSeq Size:	4203 bp
RefSeq ORF:	2712 bp
Locus ID:	23395
UniProt ID:	Q15031
Cytogenetics:	3p21.31
Domains:	tRNA-synt_1
Protein Families:	Druggable Genome



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Protein Pathways: Aminoacyl-tRNA biosynthesis, Valine, leucine and isoleucine biosynthesis

MW: 102 kDa

Gene Summary: This gene encodes a class 1 aminoacyl-tRNA synthetase, mitochondrial leucyl-tRNA synthetase. Each of the twenty aminoacyl-tRNA synthetases catalyzes the aminoacylation of a specific tRNA or tRNA isoaccepting family with the cognate amino acid. [provided by RefSeq, Jul 2008]