OriGene Technologies, Inc.
9620 Medical Center Drive, Ste 200
Rockville, MD 20850, US
Phone: +1-888-267-4436
https://www.origene.com
techsupport@origene.com
EU: info-de@origene.com
CN: techsupport@origene.cn

Product datasheet for RC200365L3V

FARSLA (FARSA) (NM_004461) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	FARSLA (FARSA) (NM_004461) Human Tagged ORF Clone Lentiviral Particle
Symbol:	FARSLA
Synonyms:	CML33; FARSL; FARSLA; FRSA; PheHA
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_004461
ORF Size:	1524 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC200365).
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_004461.2
RefSeq Size:	1853 bp
RefSeq ORF:	1527 bp
Locus ID:	2193
UniProt ID:	Q9Y285
Cytogenetics:	19p13.13
Domains:	tRNA-synt_2d
Protein Pathways:	Aminoacyl-tRNA biosynthesis

View online »

MW: 57.6 kDa

Gene Summary: Aminoacyl-tRNA synthetases are a class of enzymes that charge tRNAs with their cognate amino acids. This gene encodes a product which is similar to the catalytic subunit of prokaryotic and Saccharomyces cerevisiae phenylalanyl-tRNA synthetases (PheRS). This gene product has been shown to be expressed in a tumor-selective and cell cycle stage- and differentiation-dependent manner, the first member of the tRNA synthetase gene family shown to exhibit this type of regulated expression [provided by RefSeq, Jul 2008]