

## Product datasheet for RC200365L3V

## OriGene Technologies, Inc.

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## 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** 

OTI Disclaimer:

Sequence:

The ORF insert of this clone is exactly the same as(RC200365).

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.

**RefSeg:** NM 004461.2

 RefSeq Size:
 1853 bp

 RefSeq ORF:
 1527 bp

 Locus ID:
 2193

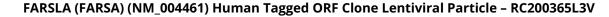
 UniProt ID:
 Q9Y285

 Cytogenetics:
 19p13.13

**Domains:** tRNA-synt\_2d

**Protein Pathways:** Aminoacyl-tRNA biosynthesis





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**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]