

## Product datasheet for **RC221300L2V**

### **C9ORF4 (FRRS1L) (NM\_014334) Human Tagged ORF Clone Lentiviral Particle**

#### **Product data:**

Product Type:	Lentiviral Particles
Product Name:	C9ORF4 (FRRS1L) (NM_014334) Human Tagged ORF Clone Lentiviral Particle
Symbol:	C9ORF4
Synonyms:	C9orf4; CG-6; CG6; DEE37; EIEE37
Mammalian Cell Selection:	None
Vector:	pLenti-C-mGFP (PS100071)
Tag:	mGFP
ACCN:	NM_014334
ORF Size:	1032 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC221300).
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. <a href="#">More info</a>
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:	<a href="#">NM_014334.1</a> , <a href="#">NP_055149.1</a>
RefSeq Size:	1133 bp
RefSeq ORF:	882 bp
Locus ID:	23732
UniProt ID:	<a href="#">Q9P0K9</a>
Cytogenetics:	9q31.3
Protein Families:	Transmembrane
MW:	37.1 kDa



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**Gene Summary:**

This gene encodes a component of the outer-core of an alpha-amino-3-hydroxy-5-methyl-4-isoxazolepropionic acid (AMPA) receptor protein in the brain. The encoded protein is thought to interact with inner-core components of the receptor, and play a role in the modulation of glutamate signaling. Mutations in this gene are associated with early infantile epileptic encephalopathy 37. [provided by RefSeq, Jul 2016]