

## Product datasheet for **RC230617L4V**

### **KIAA0319 (NM\_001168377) Human Tagged ORF Clone Lentiviral Particle**

#### **Product data:**

Product Type:	Lentiviral Particles
Product Name:	KIAA0319 (NM_001168377) Human Tagged ORF Clone Lentiviral Particle
Symbol:	KIAA0319
Synonyms:	AAVR; DYXL2; DYX2; NMIG
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_001168377
ORF Size:	3033 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC230617).
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_001168377.1</a> , <a href="#">NP_001161849.1</a>
RefSeq ORF:	3036 bp
Locus ID:	9856
UniProt ID:	<a href="#">Q5VV43</a>
Cytogenetics:	6p22.3
Protein Families:	Transmembrane
MW:	110.8 kDa



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**Gene Summary:**

This gene encodes a transmembrane protein that contains a large extracellular domain with multiple polycystic kidney disease (PKD) domains. The encoded protein may play a role in the development of the cerebral cortex by regulating neuronal migration and cell adhesion. Single nucleotide polymorphisms in this gene are associated with dyslexia. Alternatively spliced transcript variants encoding multiple isoforms have been observed for this gene. [provided by RefSeq, Nov 2011]