

## Product datasheet for **RC221819L4V**

### **NKIAMRE (CDKL3) (NM\_016508) Human Tagged ORF Clone Lentiviral Particle**

#### **Product data:**

Product Type:	Lentiviral Particles
Product Name:	NKIAMRE (CDKL3) (NM_016508) Human Tagged ORF Clone Lentiviral Particle
Symbol:	NKIAMRE
Synonyms:	NKIAMRE
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_016508
ORF Size:	1365 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC221819).
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_016508.2</a> , <a href="#">NP_057592.1</a>
RefSeq Size:	1513 bp
RefSeq ORF:	1368 bp
Locus ID:	51265
UniProt ID:	<a href="#">Q8IVW4</a>
Cytogenetics:	5q31.1
Protein Families:	Druggable Genome, Protein Kinase
MW:	51.4 kDa



[View online »](#)

**Gene Summary:**

The protein encoded by this gene is a member of cyclin-dependent protein kinase (CDK) family. CDK family members are highly similar to the gene products of *Saccharomyces cerevisiae* cdc28, and *Schizosaccharomyces pombe* cdc2, and are known to be important regulators of cell cycle progression. This gene was identified as a gene absent in leukemic patients with chromosome 5q deletion. This loss may be an important determinant of dysmyelopoiesis. Alternative splicing results in multiple transcript variants encoding different isoforms. [provided by RefSeq, Jul 2008]