

## Product datasheet for **RC212372L4V**

### PKIB (NM\_181795) Human Tagged ORF Clone Lentiviral Particle

#### Product data:

Product Type:	Lentiviral Particles
Product Name:	PKIB (NM_181795) Human Tagged ORF Clone Lentiviral Particle
Symbol:	PKIB
Synonyms:	PRKACN2
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_181795
ORF Size:	234 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC212372).
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_181795.1</a>
RefSeq Size:	1909 bp
RefSeq ORF:	237 bp
Locus ID:	5570
UniProt ID:	<a href="#">Q9C010</a>
Cytogenetics:	6q22.31
Protein Families:	Druggable Genome
MW:	8.3 kDa



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**Gene Summary:**

This gene encodes a member of the cAMP-dependent protein kinase inhibitor family. The encoded protein may play a role in the protein kinase A (PKA) pathway by interacting with the catalytic subunit of PKA, and overexpression of this gene may play a role in prostate cancer. Alternatively spliced transcript variants encoding multiple isoforms have been observed for this gene. [provided by RefSeq, Jul 2012]