

## Product datasheet for **RC212807L4V**

### PKIG (NM\_181805) Human Tagged ORF Clone Lentiviral Particle

#### Product data:

Product Type:	Lentiviral Particles
Product Name:	PKIG (NM_181805) Human Tagged ORF Clone Lentiviral Particle
Symbol:	PKIG
Synonyms:	PKI-gamma
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_181805
ORF Size:	228 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC212807).
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_181805.1</a>
RefSeq Size:	1458 bp
RefSeq ORF:	231 bp
Locus ID:	11142
UniProt ID:	<a href="#">Q9Y2B9</a>
Cytogenetics:	20q13.12
Protein Families:	Druggable Genome
MW:	7.7 kDa



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**Gene Summary:**

This gene encodes a member of the protein kinase inhibitor family. Studies of a similar protein in mice suggest that this protein acts as a potent competitive cAMP-dependent protein kinase inhibitor, and is a predominant form of inhibitor in various tissues. The encoded protein may be involved in osteogenesis. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Jul 2013]