

## Product datasheet for **RC221327L2V**

### **Snf1lk2 (SIK2) (NM\_015191) Human Tagged ORF Clone Lentiviral Particle**

#### **Product data:**

Product Type:	Lentiviral Particles
Product Name:	Snf1lk2 (SIK2) (NM_015191) Human Tagged ORF Clone Lentiviral Particle
Symbol:	SIK2
Synonyms:	LOH11CR11; QIK; SIK-2; SNF1LK2
Mammalian Cell Selection:	None
Vector:	pLenti-C-mGFP (PS100071)
Tag:	mGFP
ACCN:	NM_015191
ORF Size:	2778 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC221327).
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_015191.1</a>
RefSeq Size:	5694 bp
RefSeq ORF:	2781 bp
Locus ID:	23235
UniProt ID:	<a href="#">Q9H0K1</a>
Cytogenetics:	11q23.1
Protein Families:	Druggable Genome, Protein Kinase
MW:	103.7 kDa



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**Gene Summary:**

Phosphorylates 'Ser-794' of IRS1 in insulin-stimulated adipocytes, potentially modulating the efficiency of insulin signal transduction. Inhibits CREB activity by phosphorylating and repressing TORCs, the CREB-specific coactivators.[UniProtKB/Swiss-Prot Function]