

## Product datasheet for RC221327L3V

## OriGene Technologies, Inc.

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## 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: Snf1lk2

Synonyms: LOH11CR1I; QIK; SIK-2; SNF1LK2

Mammalian Cell

Selection:

Puromycin

**Vector:** pLenti-C-Myc-DDK-P2A-Puro (PS100092)

 Tag:
 Myc-DDK

 ACCN:
 NM\_015191

 ORF Size:
 2778 bp

**ORF Nucleotide** 

277000

Sequence:
OTI Disclaimer:

The ORF insert of this clone is exactly the same as(RC221327).

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. More info

**OTI Annotation:** This clone was engineered to express the complete ORF with an expression tag. Expression

varies depending on the nature of the gene.

**RefSeg:** NM 015191.1

 RefSeq Size:
 5694 bp

 RefSeq ORF:
 2781 bp

 Locus ID:
 23235

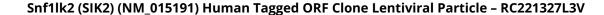
 UniProt ID:
 Q9H0K1

 Cytogenetics:
 11q23.1

**Protein Families:** Druggable Genome, Protein Kinase

MW: 103.7 kDa







**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]