

Product datasheet for **RC206169L4V**

Snf1lk (SIK1) (NM_173354) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Snf1lk (SIK1) (NM_173354) Human Tagged ORF Clone Lentiviral Particle
Symbol:	Snf1lk
Synonyms:	DEE30; MSK; SIK; SIK-1; SIK1B; SNF1LK
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_173354
ORF Size:	2349 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC206169).
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. 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.
RefSeq:	NM_173354.2 , NP_775490.1
RefSeq Size:	4706 bp
RefSeq ORF:	2352 bp
Locus ID:	150094
UniProt ID:	P57059
Cytogenetics:	21q22.3
Protein Families:	Druggable Genome, Protein Kinase
MW:	84.9 kDa


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Gene Summary:

This gene encodes a serine/threonine protein kinase that contains a ubiquitin-associated (UBA) domain. The encoded protein is a member of the adenosine monophosphate-activated kinase (AMPK) subfamily of kinases that play a role in conserved signal transduction pathways. A mutation in this gene is associated with early infantile epileptic encephalopathy 30. [provided by RefSeq, Nov 2016]