

## Product datasheet for **RC223981L1V**

### STK39 (NM\_013233) Human Tagged ORF Clone Lentiviral Particle

#### Product data:

Product Type:	Lentiviral Particles
Product Name:	STK39 (NM_013233) Human Tagged ORF Clone Lentiviral Particle
Symbol:	STK39
Synonyms:	DCHT; PASK; SPAK
Mammalian Cell Selection:	None
Vector:	pLenti-C-Myc-DDK (PS100064)
Tag:	Myc-DDK
ACCN:	NM_013233
ORF Size:	1641 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC223981).
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_013233.1</a> , <a href="#">NP_037365.1</a>
RefSeq Size:	3293 bp
RefSeq ORF:	1638 bp
Locus ID:	27347
UniProt ID:	<a href="#">Q9UEW8</a>
Cytogenetics:	2q24.3
Domains:	ppkinase, TyrKc, S_TKc
Protein Families:	Druggable Genome, Protein Kinase



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**MW:** 59.3 kDa

**Gene Summary:** This gene encodes a serine/threonine kinase that is thought to function in the cellular stress response pathway. The kinase is activated in response to hypotonic stress, leading to phosphorylation of several cation-chloride-coupled cotransporters. The catalytically active kinase specifically activates the p38 MAP kinase pathway, and its interaction with p38 decreases upon cellular stress, suggesting that this kinase may serve as an intermediate in the response to cellular stress. [provided by RefSeq, Jul 2008]