

## Product datasheet for **RC205549L3V**

### **HIPK4 (NM\_144685) Human Tagged ORF Clone Lentiviral Particle**

#### **Product data:**

Product Type:	Lentiviral Particles
Product Name:	HIPK4 (NM_144685) Human Tagged ORF Clone Lentiviral Particle
Symbol:	HIPK4
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_144685
ORF Size:	1848 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC205549).
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_144685.3</a> , <a href="#">NP_653286.2</a>
RefSeq Size:	2467 bp
RefSeq ORF:	1851 bp
Locus ID:	147746
UniProt ID:	<a href="#">Q8NE63</a>
Cytogenetics:	19q13.2
Protein Families:	Druggable Genome, Protein Kinase
MW:	69.2 kDa



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**Gene Summary:**

This gene encodes a member of the homeodomain interacting protein kinase (HIPK) family of proteins. While other members of this family are found throughout vertebrates, this member is present only in mammals. Compared to other members of this family, the encoded protein lacks a nuclear localization signal and a C-terminal autoinhibitory domain. The encoded protein exhibits kinase activity and may phosphorylate the tumor suppressor protein p53. [provided by RefSeq, Jul 2016]