

Product datasheet for **RC216108L4V**

HIPK1 (NM_198268) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	HIPK1 (NM_198268) Human Tagged ORF Clone Lentiviral Particle
Symbol:	HIPK1
Synonyms:	Myak; Nbak2
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_198268
ORF Size:	3630 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC216108).
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_198268.2
RefSeq Size:	8155 bp
RefSeq ORF:	3633 bp
Locus ID:	204851
UniProt ID:	Q86Z02
Cytogenetics:	1p13.2
Protein Families:	Druggable Genome, Protein Kinase, Transcription Factors
MW:	130.8 kDa



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Gene Summary:

The protein encoded by this gene belongs to the Ser/Thr family of protein kinases and HIPK subfamily. It phosphorylates homeodomain transcription factors and may also function as a co-repressor for homeodomain transcription factors. Alternative splicing results in four transcript variants encoding four distinct isoforms. [provided by RefSeq, Jul 2008]