

## Product datasheet for **RC207616L2V**

### **NFkB Inducing Kinase NIK (MAP3K14) (NM\_003954) Human Tagged ORF Clone Lentiviral Particle**

#### **Product data:**

Product Type:	Lentiviral Particles
Product Name:	NFkB Inducing Kinase NIK (MAP3K14) (NM_003954) Human Tagged ORF Clone Lentiviral Particle
Symbol:	NFkB Inducing Kinase NIK
Synonyms:	FTDCR1B; HS; HSNIK; NIK
Mammalian Cell Selection:	None
Vector:	pLenti-C-mGFP (PS100071)
Tag:	mGFP
ACCN:	NM_003954
ORF Size:	2841 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC207616).
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_003954.1</a>
RefSeq Size:	4596 bp
RefSeq ORF:	2844 bp
Locus ID:	9020
UniProt ID:	<a href="#">Q99558</a>
Cytogenetics:	17q21.31
Protein Families:	Druggable Genome, Protein Kinase



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**Protein Pathways:** Apoptosis, Epithelial cell signaling in Helicobacter pylori infection, MAPK signaling pathway, T cell receptor signaling pathway

**MW:** 103.9 kDa

**Gene Summary:** This gene encodes mitogen-activated protein kinase kinase kinase 14, which is a serine/threonine protein-kinase. This kinase binds to TRAF2 and stimulates NF-kappaB activity. It shares sequence similarity with several other MAPKK kinases. It participates in an NF-kappaB-inducing signalling cascade common to receptors of the tumour-necrosis/nerve-growth factor (TNF/NGF) family and to the interleukin-1 type-I receptor. [provided by RefSeq, Jul 2008]