

## Product datasheet for RC207616L2V

## OriGene Technologies, Inc.

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## 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. 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:** <u>NM 003954.1</u>

 RefSeq Size:
 4596 bp

 RefSeq ORF:
 2844 bp

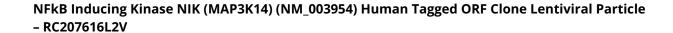
 Locus ID:
 9020

 UniProt ID:
 Q99558

Cytogenetics: 17q21.31

**Protein Families:** Druggable Genome, Protein Kinase







**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/nervegrowth factor (TNF/NGF) family and to the interleukin-1 type-I receptor. [provided by RefSeq,

Jul 2008]