

Product datasheet for **SC314969**

NFkB Inducing Kinase NIK (MAP3K14) (BC035576) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	NFkB Inducing Kinase NIK (MAP3K14) (BC035576) Human Untagged Clone
Tag:	Tag Free
Symbol:	MAP3K14
Synonyms:	FTDCR1B; HS; HSNIK; mitogen-activated protein kinase kinase kinase 14; NIK; serine/threonine protein-kinase
Vector:	<u>pCMV6 series</u>



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Fully Sequenced ORF: >NCBI ORF sequence for BC035576, the custom clone sequence may differ by one or more nucleotides

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ATGGCAGTGATGGAAATGGCCTGCCCAGGTGCCCTGGCTCAGCAGTGGGGCAGCAGAAG
GAACTCCCAAAGCCAAGGAGAAGACGCCGCACTGGGGAAGAAACAGAGCTCCGTCTAC
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GGCCAGCTGGAGAACAGGCC
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Restriction Sites: Please inquire

ACCN:	BC035576
OTI Disclaimer:	Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).
OTI Annotation:	This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.
Components:	The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).
Reconstitution Method:	<ol style="list-style-type: none">1. Centrifuge at 5,000xg for 5min.2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.3. Close the tube and incubate for 10 minutes at room temperature.4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.
RefSeq:	BC035576.1 , AAH35576.1
RefSeq Size:	4452 bp
RefSeq ORF:	2844 bp
Locus ID:	9020
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
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]