

Product datasheet for **SC104769**

NIFK (NM_032390) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	NIFK (NM_032390) Human Untagged Clone
Tag:	Tag Free
Symbol:	NIFK
Synonyms:	MKI67IP; Nopp34
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>NCBI ORF sequence for NM_032390, the custom clone sequence may differ by one or more nucleotides

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ATGGCGACTTTTTCTGGCCCGGCTGGGCCAATCCTGTCGCTTAATCCGCAGGAAGATGTCGAGTTTCAAA
AGGAGGTGGCGCAGGTTTCGAAGCGCATAACCCAGCGAAAAAACAAGAACAACCTACTCCTGGAGTAGT
CTATGTGCGCCACCTACCTAACCTACTTGACGAAACCCAGATCTTTTCATATTTCTCCAGTTTGGCACT
GTGACACGGTTCAGGCTGTCCAGAAGTAAAAGGACTGAAATAGCAAAGGCTATGCATTTGTGGAGTTTG
AGTCTGAGGATGTTGCCAAAATAGTTGCTGAAACAATGAACAACCTACCTGTTTGGTAAAGACTCTTGGA
GTGTCATTTTATGCCACCTGAAAAAGTACATAAAGAAGCTTTAAAGACTGGAATATTCCATTTAAGCAG
CCATCATATCCATCAGTAAACGGTATAATCGGAATCGGACACTAACACAAAAGCTACGGATGGAGGAGC
GATTTAAAAAGAAAGAAAGATTACTCAGGAAGAAATTAGCTAAAAAGGAATTGACTATGATTTTCTTTC
TTTGATTTTACAGAAAACGAAAAGTATTTCAAAAATAATCGTCAGACGCTACAAAAGGCCAGGTTTTTA
CGTAAGAAGAAGAAAAAGTTTTCAGGACTCTTGACACTCCTGAGAAGACTGTGGATAGCCAGGGCCCCA
CACCAGTTGTACACCAACATTTTGGAGAGGCGAAAAATCTCAAGTGGCTGAAGTGAATGATGATGATAA
AGATGATGAAATAGTTTCAAACAGCCATATCCTGTGTAAAAGAAGAAATACAAGAGACTCAAACACCT
ACACATTCACGGAAAAAAGACGAAGAAGCAGCAATCAGTGA
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5' Read Nucleotide Sequence:	<p>>OriGene 5' read for NM_032390 unedited</p> <pre>CCAGTCAGGAATTGTATACGACTCATATAGGCGGCCGCGCAATTCGCACGAGGGCGTGGT TAGCGTCGGCGGCTTTTGGCATGGCGACTTTTTCTGGCCCGGCTGGGCCAATCCTGTGCG TTAATCCGCAGGAAGATGTGCGAGTTTCAAACAGGAGGTGGCTGCAGGTTCTGCAAGCTGC ATAACTCCAGCTGAAAAAACAAGAACAACCTTACTCCTGGAGTAGTCTATGTGCGCCACC TACCTAACCTACTTGACGAAACCCAGAGCTTTTCATATTTCTCCAGTTTGGCACTGTGA CACGGTTCAGGCTGTCCAGAAGTAAAAGGACTGGAAATAGCAAAGGCTATGCATTTGTGG AGTTTGTAGTCTGAGGATGTTGCCAAAATAGTTGCTGAAACAATGAACAACCTACCTGTTTG GTGAAAGACTCCTTGGAGTGCATTTTATGCCACCTGAAAAAGTACATAAAGAACCTTTTA AAGACTGGAATATTCCATTTAAGCAGCCATCATATCCATCAGTGAACCGTATAATCGGA ATCGGACACTAACACAAAAGCTACGGATGGAGGAGCGATTTAAAAAGAAAGAAAGATTAC TCAGGAAGAAATTAGCTAAAAAAGGAATTGACTATGAGTTTCTTCTTTGATTTTACAGA AAACGGACAGTATTTCAAAAATAATCGTCAGACGCTACAAAAGGCCAGGTTTTACGTA AGACGAAGACCAAAGTTTCAGGTAATCTTGACACTCCTGAGAAGACTGTGGATAGCCAGN GCCTCACACCAGTTTGTACACCAACATTATTGGAGAGGCGAACATCTCACCTGGCTGAAC TGATGATGATGATAAAGATGATGAAATAGTTTTCAACAGCCCATATCCTGTGTAAGA AGAATACTAGAGACTCANACACCT</pre>
3' Read Nucleotide Sequence:	<p>>OriGene 3' read for NM_032390 unedited</p> <pre>NAATCTCTGGACCCGCGCCGCAATCTAGGATCGAGTTTTTTTTTTTTTTTTTTTGGAGACA GAGTCTCCTGTGCACCAGGCTGGAGTGCAGTGGCGTGATCTTGGCCACTGCAACCTCC GCCTCCCGGGTTCACGCGATTCTCCTGCCTCAGCCTCCAAGCAGCTGGGACTACAGGTA CCTGCCACCACGCCCATTTAATTTTTGTATTTTGTAGAGATGGGGTTTACCATGTTG GCCAGGATGGTCTTGATATCTTGACCTCATGATCCACCCGCTCGGCCTCCAAAATACT GGGATTACAGAAGCAAGTACCCTGCCTGGCTTCATTTTTAAAATTTTTTTGTAGAAAGA GGCTCTCATCATGTTGCCAGGCTGGTCTCCAACCTCCTAGCCTTAAGTGATCCTCCTGCC TCAGCCTCCCAAAGTGTGGGATTACAGGCACAAGCTACTACATCTGATGGCAATGTTTT TAATGAGTCTGAATTCGTTAATGAAGGGGAAAAATTTATTTTTTTTTTCCCAATGACTC CCAAGTCTACTCGAAACAAAATACATTGTAGAAAAAGTTTAATTGCTGGTTATTGTTT GAATCTTGAAATACAATCTTCACTGATGATACTGGTATAAAAATGGTGGTTATTAATTC TGCTAGCACAAACAAAATAATTAACATTATTGGTAAAAATGAGTCATTTTTGAATCTC TATTAATACTGAACACATAAACAAATCTGTGCTAAAACCTGGAAGTGCCTTCTCACTCTA CATATANATAAACTTCCAGCTTCAACCATCTGATGTTGAAATCTAAAGCACCTCCATGAG TTAAATGTCCCGACAAACCATGTAGATGGACAAACAAGATTGGTGGTNCNTTAAATTGCT GGCGACAGNAAAGGGCTGCATTTAGTACTTAAACCTGCAGTTAGTGGT</pre>
Restriction Sites:	NotI-NotI
ACCN:	NM_032390
Insert Size:	2150 bp
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).
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:

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: [NM_032390.3](#), [NP_115766.2](#)

RefSeq Size: 1686 bp

RefSeq ORF: 882 bp

Locus ID: 84365

UniProt ID: [Q9BYG3](#)

Cytogenetics: 2q14.3

Domains: RRM

Protein Families: Transcription Factors

Gene Summary: This gene encodes a protein that interacts with the forkhead-associated domain of the Ki-67 antigen. The encoded protein may bind RNA and may play a role in mitosis and cell cycle progression. Multiple pseudogenes exist on chromosomes 5, 10, 12, 15, and 19.[provided by RefSeq, Jan 2009]