

Product datasheet for **SC126595**

Ninein (NIN) (BC034708) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Ninein (NIN) (BC034708) Human Untagged Clone
Tag:	Tag Free
Symbol:	Ninein
Synonyms:	glycogen synthase kinase 3 beta-interacting protein; GSK3B-interacting protein; KIAA1565; ninein; ninein (GSK3B interacting protein); ninein centrosomal protein; ninein isotype 2
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL4</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>NCBI ORF sequence for BC034708, the custom clone sequence may differ by one or more nucleotides

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GGTCCGTC AATTGGAATCCAATCTTCTTCCCAAGCACAAAAACATCTAAACCCATCAGGTACCATGAAT
CCCACAGAGCAAGAAAAATTGAGCTTAAAGAGAGAGTGTGATCAGTTTCAGAAAGAACAATCTCCTGCTA
ACAGGAAGGTCAGTCAGATGAATTCCTTGAACAAGAATTAGAAACAATTCATTTGGAAAAATGAAGGCCT
GAAAAAGAAACAAGTAAACTGGATGAGCAGCTCATGGAGATGCAGCACCTGAGGTCCACTGCGACGCCT
AGCCCGTCCCCTCATGCTTGGGATTTGCAGCTGCTCCAGCAGCAAGCCTGTCCGATGGTGCCAGGGAGC
AGTTTCTGCAGCTTCAACGCCAGCTGCTGCAGGCAGAAAGGATAAACCAGCACCTGCAGGAGGAACCTTGA
AAACAGGACCTCCGAAACCAACACACCACAGGCCTTGCTACCGGAGCAGCGAGCAGTGCACGCAGATTCC
TACAGAAGGATTGGGCACCTGTGAAAACCTGGGCTGCTATTGATGGCATTCTTACCATGGCAGACAGATG
CACACACCCACCCATGCACACACACCACACAGAGACATAAGCTAAGATATGTTGGAATTAAGTGTCTCT
TTTAAATTATTTTATTATTTTACTGTTAAACCTTGCAGTATTATGTCTCTTATTTATTTATGTAGAAA
TGACAGATCTTGTGAATCAAATTCACAAACATCAGCTTGTACAAATCATTTTATTTATACCCCTTAAAG
AGTGTGGATTTAAGATCTTGAAGGATGTAGTCTATATTTTCTCATTCCATATGTTGTAACATTTTT
TAACCAAAGGTA CTTTATATATGGAATTTGAAGAAAACCAGGGTATTTTACTGTTTTGTATAAG
ATGTACAAATCTTTTGGACAGGAAATTTTGTGAAACAATAAAATAATTTTAAGTATAAAAAAAAAA
AAAAAAAAAA
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5' Read Nucleotide Sequence:	>OriGene 5' read for BC034708 unedited TTTGTATACGACTCACTATAGGGCGGCCGGAATTCGGCACGAGGGAACAGCAGCTGCTT TGGCAAGAGAATGAGAGGCTCCAGACCATGGTACAGAACACCAAAGCCGAACTCACGCAC TCCCGGGAGAAGGTCCGTGAGTTGGAATCCAATCTTCTTCCCAAGCACAAAAACATCTA AACCCATCAGGTACCATGAATCCCACAGAGCAAGAAAAATTGAGCTTAAAGAGAGAGTGT GATCAGTTTCAGAAAGAACAATCTCCTGCTAACAGGAAGGTCAGTCAGATGAATCCCTT GAAGAAGAATTAGAAACAATTCATTTGGAAAATGAAGGCCTGAAAAAGAAACAAGTAAAA CTGGATGAGCAGCTCATGGAGATGCAGCACCTGAGGTCCACTGCGACGCCTAGCCCGTCC CCTCATGCTTGGGATTTGCAGCTGCTCCAGCAGCAAGCCTGTCCGATGGTGCCCGAGGAG CAGTTTCTGCAGCTTCAACGCCAGCTGCTGCAGGCAGAAAGGATAAACCAGCACCTGCAG GAGGAAC TTGAAAACAGGACCTCCGAAACCAACACACCACAGGCCTTGCTACCGGAGCAG CGAGCAGTGCACGCAGATTCTACAGAAGGATTGGGCACCTGTGAAAAC TGGGCTGCTAT TGATGGCATTTCTTACCATGGCAGACAGATGCACACACCCACCCATGCACACACACCACA CACAGAGACATAAGCTNAGATATGTTGGAATTAAGTGCTCTNTTAATTATTTATTANTNT ACTGGTAACCTTTGCAGNATATGTCTCTTATTATNTATGTAGAATGACAGATCTTGTGAA TCAATACAACATCAGCTTGTACAATCATTTATTATACCTTNTAAGAGTGTGATTAGAA ATCTGAAGGATGAGCTATTATTTCTATTCAATGTGAACTATTTACCAGGTCTACTTATTT TGATTGAAACCAGGTTTATACGTTGNTAAAGTCAAATTTGACGGAATTTGTGACATAATA ATTAGTAAA
Restriction Sites:	NotI-NotI
ACCN:	BC034708
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:	<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:	BC034708.1 , AAH34708.1
RefSeq Size:	1010 bp
RefSeq ORF:	357 bp
Locus ID:	51199
Cytogenetics:	14q22.1

Gene Summary:

This gene encodes one of the proteins important for centrosomal function. This protein is important for positioning and anchoring the microtubules minus-ends in epithelial cells. Localization of this protein to the centrosome requires three leucine zippers in the central coiled-coil domain. Multiple alternatively spliced transcript variants that encode different isoforms have been reported. [provided by RefSeq, Jul 2008]