

Product datasheet for **SC336376**

NIPA (ZC3HC1) (NM_001282190) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	NIPA (ZC3HC1) (NM_001282190) Human Untagged Clone
Tag:	Tag Free
Symbol:	NIPA
Synonyms:	HSPC216; NIPA
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >SC336376 representing NM_001282190.
 Blue=Insert sequence Red=Cloning site Green=Tag(s)

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GCTCGTTTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
ATGAGGGGATTGCCCCGGAAGAGGGAGGCGTGGACGCAACCACACCCGTTGAGGCTCTCTATGAATCT
CTGAGAGTCTTAGAGAAGGACACGTCTGCCACATCCCAGTCAGTTAATGGATCACCCCAAGCGGAACAA
CCTTCATTGGAATCTACAAGCAAAGAAGCCTTCTTTAGCAGAGTGGAAACATTTTCTTTGAAATGG
GCAGGTAAAGCCCTTTGAGCTGTCTCACTCGTCTGTGCAAAATATGGCTGGGTACAGTGAATGTGAT
ATGCTCAAGTGTCTAGCTGTCAAGCTTTTCTCTGTGCCAGTTTACAACCAGCTTTTACTTTGACAGA
TATAAGCAACGATGTGCTGAGCTGAAGAAAGCCTTGTGTACTGCCATGAGAAAGTCTGTTTCTGGCCA
GACAGCCCATCCCAGACCGATTGGGATGTTGCCCTGGATGAGCCTGCTATTCTTGTAGTGAATTC
CTAGATCGTTTTCAAAGCCTTTGTCACCTTGACCTCCAGCTTCTTCCCTAAGGCCGGAGGACTTGAAA
ACTATGTGCTTGACAGAAGACAAGATCAGTCTTCTCTACACTTGCTTGAAGATGAAGTATGATCACCGA
ACTGATGAGAGAAAACTACAATCAAATTAGGCTCAGACATCCAAGTCCACGTCAGTGCCTGTATTCTC
TCTGTGTGTGGCTGGGCGTGTAGTTCTCTTTGGAATCCATGCAGCTCTCCCTGATAACATGTTTCGCA
TGTATGAGGAAGGTGGGGCTCTGGGGCTCCAGCAGATTGAATCGTCCATGACTGACCTGGATGCATCC
TTTGGCCTGACCAGCTCCCCAATCCCAGGCCTTGAGGGGCGACCAGAGCGCTTACCTCTGGTGCCTGAA
TCTCCTCGGAGGATGATGACCCGAGCCAGGATGCCACTTTCTCCCAGGCTCAGAGCAGGCTGAAAAG
AGCCCTGGTCCCATTGTCTCTCGAACTCGGAGCTGGGACTCTCCAGTCTGTTGACCGTCTGAGCCA
GAGGCTGCTAGCCCCACCACCAAGTCTGCGCCAGTACCCGAAGCATGGGAACAGGAGACACCCCTGGC
CTGGAGGTACCATCTAGCCCTCTGCGGAAAGCAAGCGAGCTCGCTCTGCTCTCCAGCAGTTCGGAC
ACATCTTCCCAGCTTCTTTGATCCACCTCTCAGCATAGAGACTGGTGCCTTGGGTGAATATCACA
CTTGGCAAAGAAAGCAGGAGAAATGGTGAAGTGAACAGATGCCAGCGCCCGAGCAGAGCCAGGCTGG
AAAGCAGTGCTGACCATCTCTTGGCGCACAACAGTCTAGCCAGCCAGCTGAAACGGACTCCATGAGT
CTCTCTGAGAAATCAAGGAAAGTATTCCGAATATTTTCGGCAGTGGGAATCTCTGTGCTCATGTGA
ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC
  
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Restriction Sites: SgfI-MluI

ACCN: NM_001282190

Insert Size: 1446 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_001282190.1](#)

RefSeq Size: 2049 bp

RefSeq ORF: 1446 bp

Locus ID: 51530

UniProt ID: [Q86WB0](#)

Cytogenetics: 7q32.2

Protein Families: Druggable Genome

MW: 53.6 kDa

Gene Summary: This gene encodes an F-box-containing protein that is a component of an SCF-type E3 ubiquitin ligase complex that regulates the onset of cell division. The G2/M transition in the cell cycle requires the interaction of the proteins cyclin B1 and cyclin-dependent kinase 1. The activated ubiquitin ligase complex targets the protein cyclin B1 for degradation, preventing this transition to mitosis. [provided by RefSeq, Aug 2013]
Transcript Variant: This variant (2) differs in the 5' UTR, contains an alternate exon in the 5' coding region, and initiates translation at an alternate start codon compared to variant 1. The encoded isoform (2) has a distinct N-terminus and is shorter than isoform 1.