OriGene Technologies, Inc.
9620 Medical Center Drive, Ste 200
Rockville, MD 20850, US
Phone: +1-888-267-4436
https://www.origene.com
techsupport@origene.com
EU: info-de@origene.com
CN: techsupport@origene.cn

Product datasheet for SC336083

NIPA (ZC3HC1) (NM_001282191) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	NIPA (ZC3HC1) (NM_001282191) 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)

Fully Sequenced ORF:

>SC336083 representing NM_001282191.
Blue=Insert sequence Red=Cloning site Green=Tag(s)

GCTCGTTTAGTGAACCGTCAGAATTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
ATGGCGGCGCCCTGTGAGGGACAAGCGTTTGCCGTAGGGGTTGAAAAGAATTGGGGTGCAGTAGTTCGC
TCCCCAGAAGGGACCCCCCAGAAAATCCGGCAGCTGATAGATGAGGGGATTGCCCCGGAAGAGGGAGGC
GTGGACGCGAAGGACACGTCTGCCACATCCCAGTCAGTTAATGGATCACCCCAAGCGGAACAACCTTCA
TTGGAATCTACAAGCAAAGAAGCCTTCTTTAGCAGAGTGGAAACATTTTCTTCTTTGAAATGGGCAGGT
AAGCCCTTTGAGCTGTCTCCACTCGTCTGTGCAAAATATGGCTGGGTCACAGTGGAATGTGATATGCTC
AAGTGCTCTAGCTGTCAAGCTTTTCTCTGTGCCAGTTTACAACCAGCTTTTGACTTTGACAGATATAAG
CAACGATGTGCTGAGCTGAAGAAAGCCTTGTGTACTGCCCATGAGAAGTTCTGTTTCTGGCCAGACAGC
CCATCCCCAGACCGATTTGGGATGTTGCCCCTGGATGAGCCTGCTATTCTTGTTAGTGAATTCCTAGAT
CGTTTTCAAAGCCTTTGTCACTTGGACCTCCAGCTTCCTTCCCTAAGGCCGGAGGACTTGAAAACTATG
TGCTTGACAGAAGACAAGATCAGTCTTCTCCTACACTTGCTTGAAGATGAACTTGATCACCGAACTGAT
GAGAGAAAAACTACAATCAAATTAGGCTCAGACATCCAAGTCCACGTCACTGCCTGTATTCTCTCTGTG
TGTGGCTGGGCGTGTAGTTCCTCTTTGGAATCCATGCAGCTCTCCCTGATAACATGTTCGCAATGTATG
AGGAAGGTGGGGCTCTGGGGCTTCCAGCAGATTGAATCGTCCATGACTGACCTGGATGCATCCTTTGGC
CTGACCAGCTCCCCAATCCCAGGCCTTGAGGGGCGACCAGAGCGCTTACCTCTGGTGCCTGAATCTCCT
CGGAGGATGATGACCCGGAGCCAGGATGCCACTTTCTCCCCAGGCTCAGAGCAGGACACATCTTCCCGA
AGCTTCTTTGATCCCACCTCTCAGCATAGAGACTGGTGCCCTTGGGTGAATATCACACTTGGCAAAGAA
AGCAGGGAGAATGGTGGAACTGAACCAGATGCCAGCGCCCCAGCAGAGCCAGGCTGGAAAGCAGTGCTG
ACCATCCTCTTGGCGCACAAACAGTCTAGCCAGCCAGCTGAAACGGACTCCATGAGTCTCTCTGAGAAA
TCAAGGAAAGTATTCCGAATATTTCGGCAGTGGGAATCTCTGTGCTCATGCTGA
ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC

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Restriction Sites:	SgfI-MluI
ACCN:	NM_001282191
Insert Size:	1296 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_001282191.1
RefSeq Size:	1790 bp
RefSeq ORF:	1296 bp
Locus ID:	51530
UniProt ID:	Q86WB0
Cytogenetics:	7q32.2
Protein Families:	Druggable Genome
MW:	47.8 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 (3) lacks an in-frame exon in the coding region compared to variant 1. The encoded isoform (3) is shorter than isoform 1.