

Product datasheet for **MC218615**

Zc3hc1 (BC050141) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Zc3hc1 (BC050141) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Zc3hc1
Synonyms:	1110054L24Rik; AU018540; AU019789; HSPC216; Nipa
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



[View online »](#)

Fully Sequenced ORF: >BC050141
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGGCGGCTACCACTGAGGGCCGCTGTTTGTGCGAGTATTGAAAAGACTTGGGGTTCAGTCGTTTCGTT
CCCCTGAAGGGACACCCAGAAAAGTTCGGGAGCTGATAGATGAAGGAATTGTCCCGAAGAGGGAGGCAC
AGAACCAAGGACACAGCTGCCACATTCAGTCAGTTGATGGATCGCCTCAAGCAGAACAGTCTCCATTG
GAATCCACAAGCAAGAAGCCTTCTTTACAGAGTGGAAACCTTTTCTTTTGAAGTGGCAGGGAAGC
CCCCTGAGCTGTCTCCACTTATCTGCGCTAAATATGGTTGGGTCACAGTTGAATGTGACATGCTCAAGTG
CTCCAGCTGCCAGGCTTCTCTGTGCCAGCCTGCAGCCACGTTTGACTTTGGCAGATATAAGGAGCGA
TGTGCTGAGCTCAAGAAATCCTGTGCAGTGCCATGAGAAGTCTGTTTTGGCCAGACAGCCCATCTC
CAGATAGATTTGGGATGTTGCCATTGGGTGAGCCTGCTGTTCTCATCAGTGAGTTCCTGGACCGTTTCA
AAGCCTTTGCCATTTGGACCTCCAACCTTCTTCTGAGGCCAGAGGACTTGAAAATATGTGCTTGACA
GAAGACGCGGTACAGTGCCCTGCTGCACCTGCTGGAGGATGAGCTTGATTTCCACGCCGATGACAGAAAA
CTACAAGCAAGTTAGGCTCCGACGTCCAAGTCCAAGCCACTGCGTGTGTTCTCTCTGTGCGGCTGGGC
GTGTAGTTCCTTGAACCTACTCAGCTCTCCCTGATAACATGTTACCAGTGTATGAGGAAGTCCGGTCTC
TGGGGCTTTCAGCAGATTGAATCATCCATGACAGATCTGGAGGCTTCTTTGGCCTGACCAGTCCCCGA
TTCCGGGTGTGGAGGGCCGGCTGAACACTTCCCTCTGGTGCCTGAATCCCCTAGGCGGATGATGACCCG
AAGCCAGGATGCTACAGTTTCTCCAGGCTCTGAGCAGTCTGAAAAAGTCCCTGGTCTATTGTTTCCCGA
ACCCGGAGTTGGGAGTCTCCAGTCTGTTGACCGGCTGAGCTAGAGGCAGCCAGTCTACTACCAGAA
GCCGCCAGTGACCCGAAGCATGGGAACAGGAGATTCTGCTGGCGTGAAGTTCCCTCGAGCCCTCTCCG
GAGAACCAAGCGAGCTCGCCTCTGCTCTCCAGCAGCTCTGACACCTCTCCCGAAGCTTCTTTGATCCC
ACCTCTCAGCATAGAGACTGGTGCCCGTGGGTGAATATCACACTCGTCAAAGAAACCAAGGAGAATGGGG
AAACAGAAGTGGATGCCTGTACCCAGCAGAGCCAGGTTGGAAGGCAGTGTGACCATCCTGTTGGCCCA
CAAGCGTCTAACCCAGCCAGCTGAGACAGACTCCATGAGTCTCTGAAAAATCAAGGAAAGTGTCCGA
ATATTCCGGCAGTGGGAGTCTTCATCCTCATCGTGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCTGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-Mlul

ACCN: BC050141

Insert Size: 1506 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: [BC050141](#), [AAH50141](#)

RefSeq Size: 1819 bp

RefSeq ORF: 1505 bp

Locus ID: 232679

Cytogenetics: 6 A3.3

Gene Summary: Essential component of a SCF-type E3 ligase complex, SCF(NIPA), a complex that controls mitotic entry by mediating ubiquitination and subsequent degradation of cyclin B1 (CCNB1). Its cell-cycle-dependent phosphorylation regulates the assembly of the SCF(NIPA) complex, restricting CCNB1 ubiquitination activity to interphase. Its inactivation results in nuclear accumulation of CCNB1 in interphase and premature mitotic entry (By similarity). Overexpression may be able to protect from apoptosis induced by IL-3 withdrawal. [UniProtKB/Swiss-Prot Function]