

Product datasheet for **SC113000**

CCNB1IP1 (NM_021178) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	CCNB1IP1 (NM_021178) Human Untagged Clone
Tag:	Tag Free
Symbol:	CCNB1IP1
Synonyms:	C14orf18; HEI10
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>NCBI ORF sequence for NM_021178, the custom clone sequence may differ by one or more nucleotides

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ATGTCCTTGTGTGAAGACATGCTGCTTTGTAATTATCGAAAGTGTGCGATCAAACCTCTGGCTATGCAT
GGGTCACCTGCCTGCTCTCACATCTTCTGTGATCAGCATGGCAGTGGTGGAGTTAGTCGCTACCAGCTAT
CTGTCCTGCCTGCAACAGTACCCTTTCTGGAAAGCTAGATATTGTCCGCACAGAAGCTCAGTCCATCAGAG
GAATATAAAGCTATGGTATTGGCAGGACTGCGACCAGAGATCGTGTGGACATTAGCTCCCGAGCGCTGG
CCTTCTGGACATATCAGGTACATCAGGAACGTCTCTATCAAGAATACAATTTAGCAAGGCTGAGGGCCA
TCTGAAACAGATGGAGAAGATATATACTCAGCAAATACAAAGCAAGGATGTAGAATTGACCTCTATGAAA
GGGGAGGTTACCTCCATGAAGAAAGTACTAGAAGAATACAAGAAAAGTTCAGTGACATCTCTGAGAAAC
TTATGGAGCGCAATCGTCAGTATCAAAAGCTCCAAGGCCTCTATGATAGCCTTAGGCTACGAAACATCAC
TATTGCTAACCATGAAGGCACCCTTGAACCATCCATGATTGCACAGTCTGGTGTCTTGGCTTCCCATTA
GGTAACAACCTCAAGTTTCTTTGGATAATACACCTGTTTCGAAATCGGGGCGATGGAGATGGAGATTTTC
AGTTCAGACCATTTTTGCGGGTCTCCACAGCACCTGAACCCAGCAACAGCTTTTTAGTTTTGTCTC
TCCAAGTCGTGAATTAGAGCAGCAGCAAGTTTCTAGCAGGGCCTCAAAGTAAAAAGAATTTGA
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5' Read Nucleotide Sequence:	<p>>OriGene 5' read for NM_021178 unedited</p> <pre>GGTTCGGATTAGTAACCGACTTTATATAGGCGGCCGCAATTCGGCACGAGGTTGATAGA TCCTGTGGTTCAACTGGATTTCTAGATAGAAGCTGGATTCATGTGATGCCAGAGGAGTAA AATTTCAAGAGACTGAAACCAGATCTGAGTTTCGCTGTTCCAGTCTGGACCTCTTTGGTG CTGTAATCCTGGATATACTGTAGATGAGTACTGTGTTTTCTTTATGGACTCTCTTCA GCTTCTGGAGACCTCACTATCTATTATGTCTTTGTGTGAAGACATGCTGCTTTGTAATT ATCGAAAGTGTGCGATCAAACCTCTGGCTATGCATGGGTCACCTGCCTGCCTCACATCT TCTGTGATCAGCATGGCAGTGGTGAGTTTGTGCTCACCAGCTATCTGTCTGCCTGCA ACAGTACCCTTTCTGAAAGCTAGATATTGTCCGCACAGAACTCAGTCCATCAGAGGAAT ATAAAGCTATGGTATTGGCAGGACTGCGACCAGAGATCGTGTGGACATTAGCTCCCAG CGCTGGCCTTCTGGACATACAGGTACATCAGGAACGTCTCTATCAAGAAACAATTTCA GCAAGGCTGAGGGCCATCTGAAACAGATGGAGAAGATATACTCAGCAAATACAAAGCA AGGATGTAGAATTGACCTCTATGAAAGGGGAGGTTACCTCCATGAAGAAAGTACTAGAAG AATACACGACAAAAGTTCAGTGACATCTCTGAGACACTTATGGAGCGCAATCGTCAGTATC ACAAGCCTCAAGGCCTTTATGATAGCCTTAGGCTACGAAACATCACTATTGCTAACCATG AAGCACCTTGAACCATCCATGATTGCACAGTCTGGAGTCTTTGGCTTCCCATTAAGTAA CAACTCAGTTTTCT</pre>
3' Read Nucleotide Sequence:	<p>>OriGene 3' read for NM_021178 unedited</p> <pre>GAAAATTTATGNCCGCGGCCGCAATTTANGATCGAGTTTTTTTTTTTTTTTTTTTGAAGTT AGCTAAATATCTTTATTTTTTTTAGAAACAGGGGGTCACTCTGTTGCCAGGCTGGAG TGCAGTGGCATGATCTTAGATCACTAAAGCCTCAGACTCCTGGGCTCAAGTGATCCTCCC AGCCTCAACCTCCTAAGTAGCTGGGATCACAGGTGCGTGACACTATGCGTGGCTCAAATT CTTTTTACTTTGAGGCCCTGCTAGAACTTGCTGCTGCTAATTCACGACTTGGAGAG ACAAAATAAAAAAGCTGTTGCTGGGTTCAAGTGTGTTGGGAGAACC CGAAAAAATGGT CTGAACTGAAAATCTCCATCTCCATCGCCCCGATTTGCAACAGGTGATTATCCAAAGGA AACTTGGAGTTGTTACCTAATGGGAAGCCAAGAACACCAGACTGTGCAATCATGGATGGT TCAAGGGTGCCTTCATGGTTAGCAATAGTGATGTTTCGTAGCCTAAGGCTATCATAGAGG CCTTGGAGCTTTTGATACTGACGATTGCGCTCCATAAGTTTCTCAGAGATGCTACTGAAC TTTTCTTGATTTCTTAGTACTTTCCNCATGGGAGGTACCCTCCCCTCATAGAGGTC AATTCTACATCCTTGCTTTGTATTGCTGAGTATATATCTTTCTCCATCTGGTTCAGATG CCCCTCAGCCTTGCTGAAAAGGTATTCTTGATAGAGACGTNCCTGATGTACCTGATATGT CCAGAAGGCCANCGCTCGGGAGCTAATGTTACACGATCTCTGGGCCAGTCTGGCAAT ACCATACTTTATATCTCTGATGAACTGAGTTCTGGGCCGAACATATCTAGCTTTCCCA AAGGGTCTGTTGCAAGCAGAC</pre>
Restriction Sites:	NotI-NotI
ACCN:	NM_021178
Insert Size:	1250 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_021178.2](#), [NP_067001.2](#)

RefSeq Size: 1499 bp

RefSeq ORF: 894 bp

Locus ID: 57820

UniProt ID: [Q9NPC3](#)

Cytogenetics: 14q11.2

Gene Summary: HEI10 is a member of the E3 ubiquitin ligase family and functions in progression of the cell cycle through G(2)/M.[supplied by OMIM, Apr 2004]
Transcript Variant: This variant (1) and variants 2 and 4 encode the same protein.