

Product datasheet for **MC200537**

Ncaph2 (BC003900) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Ncaph2 (BC003900) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Ncaph2
Synonyms:	MGC6766
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >BC003900
 GCCAGAACCAGTAGCGGGTTGAGCCATGGTTCCGGGCTTCTAGTCCCCTTCTAGACATGGAGGATGTGGA
 GGTGCGCTTTGCTCACCTCTTGCAGCCCATCCGGGATCTCACTAAGAAGCTGGGAGGTGGACGTGGCGGCA
 CAGCTGGGCGAGTATCTGGAGGAGCTGGACCAGATCTGCATTTCTTTTGTGAAGGCAAAACCACAATGA
 ACTTCATTGAGGCAGCACTGTTGATCCAGGGCTCAGCCTGTGTCTACAGTAAGAAGGTGGAGTACCTCTA
 CTCGCTGGTCTACCAGGCTCTCGATTTTATTTCTGGCAAGAGGCGGGCCAAACAGCTCTCCTTAGTTCAG
 GAAGATGGGAGCAAGAAGACTGTCAACTCAGAGACTCCCTGTGAAACAGAGAATGAGTTCCTGTCACTGG
 ACGACTTCCCTGACTCCCGGGCTAATGTGGATCTGAAAAATGATCAGGCATCCAGTGAGCTGCTTATCAT
 ACCCCTACTGCCATGGCCCTGGTGGCCCTGATGAAAGTGGAAAAGAAGCAGCAGCCCTTGATAGCTGT
 CAGGGTGACATCTTGGCCAGCCGGAAGGATTTCAAGGATGAACACGTGTATGCCTAACCCAGAGGCTGCT
 TTATGTTAGATCCAGTGGGAATGTGTCCTGTGGAGCCTGTGGTCCCGTGGAGCCATACCCCATGTCAAG
 GAGCCAGAAAGATCCTGAGGACGCTGAGGAGCAGCCATGGAAGTGTCTAGGAACGGGAGTCTGTTCTCT
 GTACCCGACATCTCCAAGAGCCAGATGGTCCAGCGCTCAGCGGTGGAGAGGAGGATGCAGAGGATGGAG
 CAGAGCCCTGGAGTTGCTCTAGAGCCTGCAGAGCCAAGGACCTCACAGCAGAGTGCCATCTTGCCAAG
 GAGATACATGCTCGGGAACGACAAGGGGCACCGAGCCTGCCTCCCGGTACAGGAGACCCAGACCCC
 TGGCAGAGCCTGGACCCTTTGACTCCTTGAATCTAAGGTCTTCCAGAAAGGGAACCCCTATTCTGTGC
 CACCCGGTGTGGAGGAGGCTCCAGGACAGAAGCGCAAGAGGAAGGGTGCCACCAAGTTGCAGGACTTCCA
 CAAGTGGTACCTGGATGCCTATGCTGAACACCCTGACGGCAGGAGGGCTCGGCGGAAGGGCCCAACCTTT
 GCAGACATGGAAGTCTGTACTGGAAACATGTGAAAGAACAGCTCGAGACCCCTTCCAGAGCTGCGGAGAC
 GTAAGATCAACGAGAGATGGCTACCTGGGGCAAGCAGGATCTGTGGCCTACAGAGGAGGATCGCTTGGGA
 AGAGTCCCTCGAGGACCTCGGGGTAGCAGATGACTTTCTAGAGCCCGAGGAGTACGTGGAGGAGCCTGCG
 GGGTGATGCCCGAGGAAGCTGCTGACCTCGATGCAGAGGCCATGCCAGAGTCCCTGAGATACGAGGAGC
 TGGTCCGGAGAAAATGTGGAAGTCTTCAATGCCCACCTCCCAGAAGTTTATCCAGGAGACAGAGCTGAGCCA
 ACGCATCAGGGACTGGGAAGATACCATCCAGCCCTGCTCCAGGAGCAGGAGCAGCATGTGCCCTTTGAT
 ATCCATATCTACGGGGACCAGTTGGCTTACGGTTCCCCCAGCTCAATGAATGGTGTCCCTTTTCAGAGC
 TTGTAGCAGGGCAGCCTGCTTTTGGAGGTGTGCCGCTCCATGCTGGCCTCCTTGCAACTGGCTAATGACTA
 CACAGTGGAGATCACTCAGCAGCCAGGACTGGAGGCAGCTGTGGACACAATGTCTCTGAGACTGCTCACA
 CACCAGCGAGCCACACCCGCTTCCAGACCTATGCTGCACCATCCATGGCCAGCCTTGAGTGGACAGCA
 CTGAGGCAGGGGTGGAAGTAGTATATACCTGGAGGTCTTTGCCCTAATGTGCTATGGGGCCATTCACT
 CCAGTGTGCTCCTGGCTGGCTAGCCTAATAAAGTGTGCTACCCCAAAAAAAAAAAAAAAAAAAAAA
 AAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA

Restriction Sites: RsrII-NotI

ACCN: BC003900

Insert Size: 1674 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: [BC003900](#), [AAH03900](#)

RefSeq Size: 2063 bp

RefSeq ORF: 1674 bp

Locus ID: 52683

Cytogenetics: 15 44.84 cM

Gene Summary: This gene encodes a component of the condensin-2 complex. The encoded protein may regulate the structure of mitotic chromosomes. Loss of function of this gene disrupts T-cell development. There are two pseudogenes for this gene on chromosome 17. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Oct 2012]