

## Product datasheet for **MR230664**

### **Ncaph2 (NM\_001271601) Mouse Tagged ORF Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Ncaph2 (NM_001271601) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Ncaph2
Synonyms:	D15ErtD785
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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**ORF Nucleotide Sequence:**

>MR230664 representing NM\_001271601  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGCATCGCC**

ATGGAGGATGTGGAGGTGCGCTTTGCTCACCTCTTGCAGCCCATCCGGGATCTACTAAGAAGTGGGAGG  
 TGGACGTGGCGGCACAGCTGGGCGAGTATCTGGAGGAGCTGGACCAGATCTGCATTTCTTTTGTGAAGG  
 CAAAACCAACAATGAACCTCATTGAGGCAGCACTGTTGATCCAGGGCTCAGCCTGTGTCTACAGTAAGAAG  
 GTGGAGTACCTCTACTCGCTGGTCTACCAGGCTCTCGATTTTATTTCTGGCAAGAGGCGGGCCAAACAGC  
 TCTCCTTAGTTCAGGAAGATGGGAGCAAGAAGACTGTCAACTCAGAGACTCCCTGTGAAACAGAGAATGA  
 GTTCTGTCACTGGACGACTTCCCTGACTCCCGGGCTAATGTGGATCTGAAAAATGATCAGGCATCCAGT  
 GAGCTGCTATCATACCCTACTGCCATGGCCCTGGTGGCCCTGATGAAGTGGAAAAGAACAGCAGCC  
 CCTTGTATAGCTGTCAGGGTGACATCTTGGCCAGCCGGAAGGATTCAGGATGAACACGTGTATGCCTAA  
 CCCAGAGGCTGCTTTATGTTAGATCCAGTGGGAATGTGCTGTGGAGCCTGTGGTGGCCGTGGAGCCA  
 TACCCCATGTCAAGGAGCCAGAAAGATCCTGAGGACGCTGAGGAGCAGCCATGGAAGTGTCTAGGAACG  
 GGAGTCTGTTCCTGTACCCGACATCTCCAAGAGCCAGATGGTCCAGCGCTCAGCGGTGGAGAGGAGGA  
 TGCAGAGGATGGAGCAGAGCCCTGGAGGTTGCTCTAGAGCCTGCAGAGCCAAGGACCTCACAGCAGAGT  
 GCCATCTTGCCAAGGAGATACATGCTGCGGGAACGACAAGGGGCACCGGAGCCTGCCTCCCGGCTACAGG  
 AGACCCAGACCCCTGGCAGAGCCTGGACCCCTTTGACTCCTTGGAACTAAGGTCTCCAGAAAGGGAA  
 ACCCTATTCTGTGCCACCCGGTGTGGAGGAGGCTCCAGGACAGAAGCGCAAGAGGAAGGGTGCCACCAAG  
 TTGCAGGACTCCACAAGTGGTACCTGGATGCCTATGCTGAACACCCTGACGGCAGGAGGGCTCGGCGGA  
 AGGGCCCAACCTTTGCAGACATGGAAGTCTGTACTGGAACATGTGAAAGAACAGCTCGAGCCCTTCA  
 GAAGCTGCGGAGACGTAAGATCAACGAGAGATGGCTACCTGGGGCCAAGCAGGATCTGTGGCTACAGAG  
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 ACGTGGAGGAGCCTGCGGGGTGATGCCGAGGAAGCTGCTGACCTCGATGCAGAGGCCATGCCAGAGTC  
 CCTGAGATACGAGGAGCTGGTCCGAGAAATGTGGAACCTTTCATTGCCACCTCCAGAAGTTTATCCAG  
 GAGACAGAGCTGAGCCAACGCATCAGGGACTGGGAAGATACCATCCAGCCCTGCTCCAGGAGCAGGAGC  
 AGCATGTGCCCTTTGATATCCATATCTACGGGGACCAGTTGGCTTACGGTTCCCCAGCTCAATGAATG  
 GTGTCCCTTTTTCAGAGCTTGTAGCAGGGCAGCCTGCTTTTGGAGTGTGCCCTCCATGCTGGCCTCCTTG  
 CAACTGGCTAATGACTACACAGTGGAGTCACTCAGCAGCCAGGACTGGAGGCAGCTGTGGACACAAATGT  
 CTCTGAGACTGCTCACACACCAGCGAGCCACACCCGCTTCCAGACCTATGCTGCACCATCCATGGCCCA  
 GCCT

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Protein Sequence:**

>MR230664 representing NM\_001271601  
 Red=Cloning site Green=Tags(s)

MEDVEVRFHLLQPIRDLTKNWEVDVAAQLGEYLEELDQICISFDEGKTTMNFIEAALLIQGSACVYSKK  
 VEYLYSLVYQALDFISGKRRAKQLSLVQEDGSKTVNSETPCETENEFLSLDDFPDSRANVDLKNQDQASS  
 ELLIIPLLPMALVAPDEVEKNSSPLYSCQGDILASRKDFRMTCPNPRGCFMLDPVGMCPVEPVVPEP  
 YPMSRSQKDPEDAEEQPMEVSRNGSPVPVPDISQEPDGPALSGGEEDAEDGAEPLEVALEPAEPRTSQQS  
 AILPRRYMLRERQGAPEPASRLQETPDWPQSLDPFDSLESKVFQKPKPYSVPPGVEEAPGQKRKRKGATK  
 LQDFHKWYLDAYAEHPDGRRRARRKGPFTADMEVLWYKHVKEQLETLQKLRRRKINERWLPQAKQDLWPT  
 EDRLSESLDLGVAADDFLEPEEYVEEPAGVMPEEAADLDAEAMPESLRYEELVRRNVELFIATSQKFIQ  
 ETELSQRIRDWEDTIQPLLQEQEQHVPFDIHIYGDQLASRFPQLNEWCPFSELVAGQPAFEVCRSMLASL  
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**TR**TRPLEQKLISEEDLAANDILDYKDDDDKV

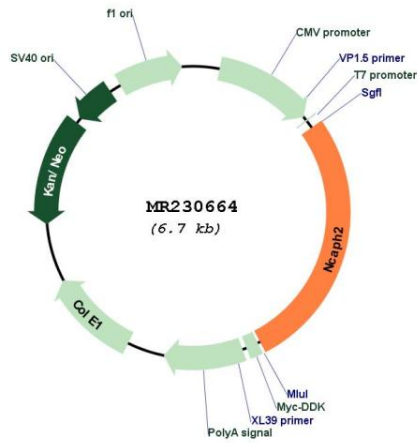


**Cytogenetics:** 15 44.84 cM

**MW:** 69.5 kDa

**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]

**Product images:**



Circular map for MR230664