

Product datasheet for SC317441

NCAPH2 (NM_014551) Human Untagged Clone

Product data:

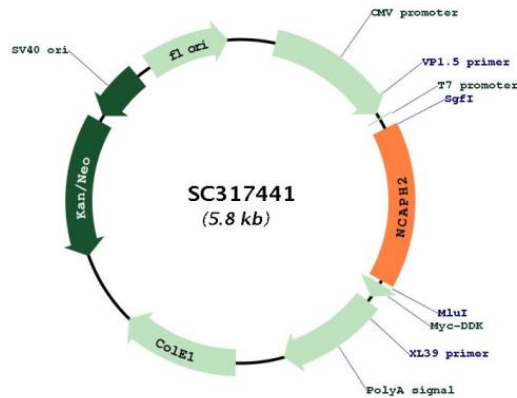
Product Type:	Expression Plasmids
Product Name:	NCAPH2 (NM_014551) Human Untagged Clone
Tag:	Tag Free
Symbol:	NCAPH2
Synonyms:	CAPH2
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>SC317441 representing NM_014551. Blue=Insert sequence Red=Cloning site Green=Tag(s)

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GCTCGTTTAGTGAACCGTCAGAATTTGTAAACGACTACTATAGGGCGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
ATGGAGGACGTGGAGGCGCGCTTCGCCACCTCTTGCAGCCATCCGCGACCTCACCAAGAAGTGGGAG
GTGGACGTGGCGGCCAGCTGGGCGAGTATCTGGAGGAGCTGGATCAGATCTGCATTTCTTTTGACGAA
GGCAAGACCACAATGAACCTCATTGAGGACGCTTGTGATCCAGGGCTCTGCCTGCGTCTACAGTAAG
AAGGTGGAATACCTCTACTACTCGTCTACCAGGCCCTTGATTTTCATCTCTGGAAAGAGGGCGGCCAAG
CAGCTCTCTTCGGTGCAGGAGGACAGGGCCAATGGGTTGCCAGCTCCGGGTCCCCAGGAGGCAGAG
AATGAGTTCCTGTCGCTGGATGACTTCCCTGACTCCCGGACTAACGTGGATCTCAAGAATGATCAGACG
CCCAGTGAGGTCCTCATCATCCCCCTCCTGCCATGGCCCTGGTGGCCCTGATGAAATGGAGAAGAAC
AACAAATCCCCTGTACAGCCGTCAGGGTGAAGTCCCTGGCCAGCCGGAAGGATTTCAAGATGAACACGTGC
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GGTGGGGCGAGGACGAGGATGCAGAGGAGGCAGTAGAGCTTCTGAGGCCTCGGCCCAAGGCCGCT
CTGGAGCCCAAGGAGTCCAGGAGCCCGCAGCAGGTGGGACCCACATGGAGGCTGCAGAACCTGAGCTG
TGA
ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC
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Restriction Sites: SgfI-MluI



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Plasmid Map:


ACCN: NM_014551

Insert Size: 900 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).

OTI Annotation: This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.

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_014551.4](#)

RefSeq Size: 1440 bp

RefSeq ORF: 900 bp

Locus ID: 29781

UniProt ID: [Q6IBW4](#)

Cytogenetics: 22q13.33

MW: 32.8 kDa

Gene Summary: This gene encodes one of the non-SMC subunits of the condensin II complex. This complex plays an essential role in mitotic chromosome assembly. Alternate splicing of this gene results in multiple transcript variants.[provided by RefSeq, May 2010]
Transcript Variant: This variant (1) encodes isoform 1.