

Product datasheet for **SC207489**

hCAP D3 (NCAPD3) (NM_015261) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Symbol:	hCAP D3
Synonyms:	CAP-D3; CAPD3; hCAP-D3; hcp-6; hHCP-6; MCPH22
Mammalian Cell	Neomycin
Selection:	
Vector:	pMirTarget (PSI00062)
ACCN:	NM_015261
Insert Size:	2000 bp



Insert Sequence:

>SC207489 3'UTR clone of NM_015261

The sequence shown below is from the reference sequence of NM_015261. The complete sequence of this clone may contain minor differences, such as SNPs.

Blue=Stop Codon Red=Cloning site

```
GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAGGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAGCGATCGCC
CGAAAGACCCCTCTGAAACAGCCAACTAACACAGCGCCTCCACCAGTGTCCAGGCAGGCAGGAGCCCT
TGAGGAAGCAGTCTCGTGTCTCCGTGTGAAGGCAGCTGGATCACTTCCCGCAGTCTTGGGCAGCGCT
TTGCTGTGGAACACGAGAGCTCCTCCTCAGGGGCTGGCACTCACCTTCTATTCTGTATGATGATTTG
GTTAACTGTCAAATAATAGAGATGTGCCAGATTAGATTTTCTTACCCTAATCTGTTTAAATATTG
AACTTTATTCCATTTGAAAGTGTCAAGCCATTAGATAAGCTATAATCTGGTCTTTAAGGAACACAAC
TTTAAACTGCAGCTTTCTTTTATATAAATCAAGCCTCTGTTAACTGAATTCTTATAGTACATATTT
TCCCATCTGTAATGACGAAATTTTATTCTAATATTTTTTCTATTATTTATAAGTGCAATTTTTTAAA
AAAGTGTACAGCTTTCTAAAAGTAATAAAGGTTTAGCATAAATACAGCCTTCCAGTAGTCAATAGGATT
TTTCTGTTTTTAGAACAGAGCTCTTATTGGTAATCATTTTAAATTTTACATAAAGCATGTTTTTTGTTA
GAGGAATGAAACCAATCTTCCTATTAGAAAAAGATGATTGTCTTGAAGGGCAGTTCATCTGTGCC
AGGCAGAGGCGGTGTGCTTTCCTAACAGACATGAACAGCATCCCTTCTTGGGAAAAATGGCTTTGCA
GCCTTCCCCAGAGCAGCACTGCCGATTTGTGCAGCCCTCTGTTAAGGGCTGCTCCCAGTGGGGGAAC
AGCTTGAGTCTCTTCTGTAGCACTAGTGGGTAAGTGAATGCTATTTTGTTCACCAATATCCAGAAA
GAAATGCAGTTGGTTGTGTTTTTAATCCAGTATTACAAAAGCAAAAGTACAAAGTATGATGTGCGTT
GGTTGGTTTGGGGATGGGATGCCACTGAGATCTGCCACTGCCATCCCAAGTGGGAACCGCAACACAG
GTGGGCTCGGTGGCGGAGAGGCGCAGCACTGCTCTTGAGCACACAGGCTGACCTCTGCCAGCACTGA
CTTCCCTGGTGGATGGGTGATTGATAGCATTTTATGTGTGCATGCCTAACCACTGAAATGCTAGGAAGA
AGAGACAAACCAACGTAAGAGCAAATAACAAAGAATGAAGCAATGTTTGGGTTTTTTGAAGCTTTTA
TAAATGAGGTTAAACAAATGCCAAATTACGGTGTGTTAGTACAAGTCTGTAGCATCTGTGTACAGCAAC
ATCCATCCAAAGGCAGAATCACAGCCTCGTATCGGCCTCGAGTCTTGAGTCACATTTCATATCTTAAAT
ACACGAGTATTCTTTTCCGTCTAGTCTCAGTTATAGGCAGCTACTTCCAGACTCTACTTTCACTTCT
CTCTACTTTTTCAGACCTGGTTCCTATGGCACTAGTGTAGAAGGTTTTAGGGTATAAGAAGAGGGGCA
ATAAGGCTACCTATCACTATGACAACCAAGAAGGAGGCTGGAGCGTGAATCCCAACGCTGAGGGTGG
GGAGCCATCCCTCTCTACCAAGGTGCAATGATGGAGGGAAGTTCATGCTAAGCATCCAGGATGCCAT
GCAGCAGACACAGGGAGCACTGAGCCACTGCTGGAGCATTTCTGCTCTGCCAGGCGGCTGCGGCA
AAGTGTTTCACATAACTAAAAAAGTCAACACAGTCTCATGTATGCAATTAAGGCTGTCAAAGT
ATAAAAAACCAAGACACTGGAAGCTGAAGACAAAGGTGAGTAGTGAGAGCCATTCTCCAGGCACACAG
TGGAGTGCTCCTTCTCAGCAGCTCCTTGTCTTACAGCACTTCAGTCTGAGTCCAGCACGGCAGGGCAT
GTGAGGCTGAGAACACCTGCTCTTGAAGAACACAGGCTTCTGAGTGATGTTGCTAATGTCCCCCACA
ACGCGTAAGCGGCCGCGCATCTAGATTGGAAGAAATGACCGACCAAGCGACGCCAACCTGCCATCA
CGAGATTTGATTCCACCGCCGCTCTATGAAAGG
```

Restriction Sites:

SgfI-MluI

OTI Disclaimer:

Our molecular clone sequence data has been matched to the sequence identifier above as a point of reference. Note that the complete sequence of this clone is largely the same as the reference sequence but may contain minor differences, e.g., single nucleotide polymorphisms (SNPs).

Components:

The cDNA clone is shipped in a 2-D bar-coded Matrix tube as 10 ug dried plasmid DNA. The package also includes 100 pmols of both the corresponding 5' and 3' vector primers in separate vials.

Note:

Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.

RefSeq: [NM_015261.3](#)

Summary: Condensin complexes I and II play essential roles in mitotic chromosome assembly and segregation. Both condensins contain 2 invariant structural maintenance of chromosome (SMC) subunits, SMC2 (MIM 605576) and SMC4 (MIM 605575), but they contain different sets of non-SMC subunits. NCAPD3 is 1 of 3 non-SMC subunits that define condensin II (Ono et al., 2003 [PubMed 14532007]).[supplied by OMIM, Mar 2008]

Locus ID: 23310

MW: 75.4