

Product datasheet for **SC212856**

SMC4 (NM_005496) Human 3' UTR Clone

Product data:

Product Type: 3' UTR Clones

Product Name: SMC4 (NM_005496) Human 3' UTR Clone

Symbol: SMC4

Synonyms: CAP-C; CAPC; SMC-4; SMC4L1

Mammalian Cell Selection: Neomycin

Vector: pMirTarget (PS100062)

ACCN: NM_005496

Insert Size: 1192 bp

Insert Sequence: >SC212856 3'UTR clone of NM_005496
The sequence shown below is from the reference sequence of NM_005496. The complete sequence of this clone may contain minor differences, such as SNPs.
Blue=Stop Codon **Red**=Cloning site

```
GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAGGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAACGATCGCC
AAAGAAATTGCATCTAAGGGACTTTGTTAACTTTATGCTGAAGATTCTTCAAGTTGATTCAAGTGATT
ACTGATTTTTTCTATTTGTAAGGATTATGAGTTGTATAAAATACATACTCCCTAACTAGATCATGA
AACTGGTTTCTGTTTATGCAGTTGTCATTTGTAAGTCTAATAAAATATTCTCTATAATTGCTTCTAG
ATTACAAAAATATGACAATCTTGAAGTAGCAGACTATGGAGAAAAATGAGTTACCTGGAGGGTCAGGT
AACTTGCCAACTAAAAAGTATGTTAGTTGAGGCAAAGTCTAAGCAAGGTTGTGCTATCAAGGCTCAG
CATACCTTCGTGGGCCTTTGATTTACCAACACTGGAAATGCCTGCCAACTAATCTTGATAGATTCTTT
AAGGCATTCCACTTAGCTTGCCAGTTGAGACAATCACCACAGTTATTACCCAAATACTATGAACATATT
TTTGTAACCAGTCATTCTGAATTATAGTGATGAGAATTTAAATATATGCTTTTCTAGAATTTGATGTT
TGACCATTTATGACTTAATTACCAGAGAGCCAGTAAATTAGGACAGTGTTTCAACAAGCCTAGGCTATC
TCGTAAGTTGAAAAATATCCCACTATAGTTGCTTCATGAGTATGAAGTAAGATGGCCTCTGATTTACAC
TGGTTCAATTTACAAATTTCACTTTATGATAGGTTTATCCGGGTACTAAATGCATTTCACTTGATA
GTTTCACTTATGATAGGTTTACCAGGATGTAGTCCCACTGTTGAGGAGCATCTATTTAGGGTTAATT
ACTTTAGTAATAAGTGGAAGTAAGATACCTTGAGTAATGTTTGCTATAAAAATTGCAGCGTATTTT
ACACTATTGGCTCAAGAATGTTATAATGCTAAGGGACATAAGTTGGCAACCACTTGGTTTTTGAAGGA
CTTTCGGTATTGTATTAGAAGTCTGCCCTAGCTGTTAAATTTCTGGGTATTTATCCTAAGGAATTAATT
AAAGAGTTAATTGTTCTTTCTTCAGTGGGCCATTGTTTTAGATATTTAAAAATCCAACAGTTTCTAT
CATAATGTAAGTAAAAATGTAACACATTATTAGCATGGACTTTAAATAAAGATTTAAAGAAAGCA
AAAAAAAAAAAAAAAAAAAA
ACGCGTAAGCGGCCGCGCATCTAGATTGAAGAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
```



[View online »](#)

Restriction Sites:	Sgfl-Mlul
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.
RefSeq:	<u>NM_005496.3</u>
Summary:	This gene belongs to the 'structural maintenance of chromosomes' (SMC) gene family. Members of this gene family play a role in two changes in chromosome structure during mitotic segregation of chromosomes- chromosome condensation and sister chromatid cohesion. The protein encoded by this gene is likely a subunit of the 13S condensin complex, which is involved in chromosome condensation. A pseudogene related to this gene is located on chromosome 2. [provided by RefSeq, Jun 2016]
Locus ID:	10051
MW:	45.8