

Product datasheet for **SC214690**

HCAP G (NCAPG) (NM_022346) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Symbol:	HCAP G
Synonyms:	CAPG; CHCG; NY-MEL-3; YCG1
Mammalian Cell	Neomycin
Selection:	
Vector:	pMirTarget (PSI00062)
ACCN:	NM_022346
Insert Size:	1470 bp



Insert Sequence:

>SC214690 3'UTR clone of NM_022346

The sequence shown below is from the reference sequence of NM_022346. The complete sequence of this clone may contain minor differences, such as SNPs.

Blue=Stop Codon Red=Cloning site

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAGCGATCGCC
GCCCAATTTCTCAATGAAGATCTAAGTAGGAAAGACGATGGAGGTGGAATCCTTTAAGATTATGTCCA
GTTATTTGCTTTAATAAAGAAGAGTTACCTTGTCAAATCAGAACAACTGATGTCTTTCTGAAGA
TTTTCTGCTGTGCGCTTCCACGTTACTTTGGCCTGTATTAAAGCAGTAGAGCAGCATCAGTTATTATAG
TCCAGAAAAAGTGTGCATCAGTCAGTCACACAGATTTATCACAATCTGAGGTGGGCTAGGAATCTCAT
TTTTAAATAGTCTCTCCAAGTGATTCTTATGAACTCTTTATGTTTAAATCATGTCATTATGGAAAACT
TACAAGTGAAGTACTAGTAGCTTGCATTTGAGAAGCTTATGACTTAGATGGGCAGAAATCAACAAGA
TGAAACCGCCTGAGGACACATTTAACAAGTAACATTTCTAGGGAAAATGAAGGAAGTACCACAACTGG
CTAGAAAGGAGCTTATCAATCACCAGTGAGGAAGACCAGTAAACGTTCAACAACAGTTATTTTGACAA
AACTTATTTTGTGATTCTACAGTGAAAACATTTTGGTGATATCTGCCTGGGAAATCTCTCTTCTTA
AAGTATTTGTATATGGGAGTCCTTGTGTTGTAATGTTTCTGGATTAGGAGGTGTCAACATAAATGTA
TTATTAACCATGAAGCTGCTCGCTATATTTTGGCATAACAAAATAATATTTTACTGTGGATAATA
ATTCTAGTGGGAATATAATGTGACAGGAACCTCTCTTATATACGCTACCAATTTATGAGCACTATTCA
CTGTCAATTTCAATTTCTTGTCTTTTGAATTGACACTTGGCCTGACTTACGAACTTGTACTATATGAA
ATTGTCCTCTTTTCTGCAATACCCAACGAAACACCTTTTCTCTTATTATTCAGAAATGTCCTAACAT
GGATCTGTTTGTGTTTAATAATTGTGCTTTTTTAGGCTTATCATCTACTAGAGGCCATTTACTTAAGGT
GAAATTTAAGATGGAGCTAAAGTAAGATCACTGGTTTTAGAACCAAATGCTATACATATGTGCCTC
ATAGAACTTATAAAGGAGTCAAAGTTTCAAAGCAAGATAGTTATTAAGCAAAAGGAAAAATGGTAATG
ATAGAAAGTCAGTTAAAAATAGATGATTGTTCTTCATTCTGTTTGTGGCTCTGTGTTCTCTGTGCTT
CAGATTCCTTATGTGTTGTTGTTTAAAGACAATTTGCAGGGGGTTGGGAGAAGGACTGAAAAGGTACA
TTAAGTGTGCTGTAAGGAAAAGTCTTAGAACATAATAAGCTAAAAATCCATTACACATGGCCAGGCT
ATCCAAAAAGAAAGGAGCCATGTTCTCATGTGGTTACCATACCAAGCTTGCTTTCTCTGGCATGGGA
AAAATAAATTTAAGCACCAAA
ACGCGTAAAGCGGCCGCGCATCTAGATTCAAGAAAAATGACCGACCAAGCGACGCCAACCTGCCATCA
CGAGATTTGATTCCACCGCCGCTTCTATGAAAGG
    
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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_022346.5](#)

Summary:	This gene encodes a subunit of the condensin complex, which is responsible for the condensation and stabilization of chromosomes during mitosis and meiosis. Phosphorylation of the encoded protein activates the condensin complex. There are pseudogenes for this gene on chromosomes 8 and 15. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Aug 2012]
Locus ID:	64151
MW:	57