

Product datasheet for **SC126699**

CEP63 (NM_025180) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	CEP63 (NM_025180) Human Untagged Clone
Tag:	Tag Free
Symbol:	CEP63
Synonyms:	SCKL6
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF: >NCBI ORF sequence for NM_025180, the custom clone sequence may differ by one or more nucleotides

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ATGGAGGCTTTGTTAGAAGGAATACAAAATCGAGGGCATGGTGGGGGATTTTGGACATCTTGTGAAGCAG
AACTACAGGAGCTCATGAAACAGATTGACATAATGGTGGCTCATAAAAATCTGAATGGGAAGGACGTAC
ACATGCTCTAGAACTTGCTTGAAAATCCGTGAACAGGAACCTAAGAGTCTTAGGAGTCAGTTGGATGTG
ACACATAAGGAGGTTGGAATGTTGCATCAGCAGGTAGAAGAACATGAAAAATCAAGCAAGAGATGACCA
TGGAATATAAGCAGGAGTTGAAGAACTACATGAAGAATTATGCATACTGAAGAGAAGCTATGAAAAGCT
TCAGAAAAAGCAAATGAGGGAATTCAGAGGAAATACAAAAATCACAGGGAAGATCGGTCTGAAATTGAG
AGGTAACTGCAAAAATAGAGGAATTCGTCAGAAAATCGCTGGACTGGGAGAAGCAACGCTTGATTTATC
AGCAACAGGTATCTTCACTGGAGGCACAAAGGAAGGCTCTGGCTGAACAATCAGAGATAATTGAGGCTCA
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AGTAACTGGAGCGGGCTAATGACACTATCTGTGCAATGAGTTGAAAATAGAGCGCCTCACCATGAGGG
TCAATGACTTGGTTGGAACCAAGTATGACTGTCCTACAGGAGCAGCAGCAAAAAGAAGAAAAATTGAGGGA
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ACTCAGGAGTTACATCAGCGAGATATCACTATTGCTTCCACCAAGGTTCTTCTCAGACATGAAAAAGC
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AAATGACAGGATCTTTAAACCAACACACAGCAGAACAAGTCAAGTCAAGAATACAGAGTTCAAGCCAACC
CATGGCCAGCACAGACATGATGGAATAAAGACTGAGCACTACAAAACAGATCTTCATTCTCCAAGAGGAC
AAGCGTCGGATAGTATAAACCCCATGTCTAGGGTGCTAAGCCCCCTGAGTCCTCAATCAGCCCTTGCAG
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GAAGCCAATTTTCTGACACTATGTCTGAGAGTATGAATGACCAAGAAGAGTTTATATCTTCGTGTTCTT
TGCTGTATCTCCCTTGGTTCAATAGCTACCAGATTTTGGAAAGAGGAGGAACTGAGGTCTCATACAT
TCTAGAGCGCTTGGATGCCCATTGAAGAACTAAAAAGAGAGAGTGAAGAGACAGTGAGACAATTACACA
GCCTTAAAGTAG
    
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5' Read Nucleotide Sequence:

>OriGene 5' read for NM_025180 unedited
 TGTAATACGACTTACTATTAGGGCGGCCGCGATTTCGGCACGAGGCTGCCTCAGGCAGGAT
 GTACCAACAGTGAAGCGGAGACGGGGAGGTCTGGGGTGCCACGCAAGTCCCTTTCTC
 CCGACACGAGTGCAGTAAAGAAAAACGGTTATGAGCGTAAAGTGACAGCCTCGGCCGATG
 GGAATAGGGGGAAGTCCGACACTGAGCAACGAACGCATTCCCGCGCTCCAAAACCTAGG
 CCGGGGGCGCTGGAAACCTTACCGGCACCGGCCACCGCGCAGACGCTTGCTCCTGCC
 ACGCCCCCCCCCTCCCCGCATCACGTGTCTGCACTCGCTTTCTCGGATTCCCGGATG
 TGGTTGCCAAAAAAAGGGGATTTGGTGATGGAGGCTTTGTTAGAAGGAATACAAAATCG
 AGGGCATGGTGGGGATTTTGTACATCTTGTGAAGCAGAACTACAGGAGCTCATGAAACA
 GATTGACATAATGGTGGCTCATAAAAAATCTGAATGGGAAGGACGTACACATGCTCTAGA
 AACTTGCTTGAAATCCGTGAACAGGAACCTAAGAGTCTTAGGAGTCAGTGGNATGTGAC
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 GATGACCATGGAATATAAGCCCGAGTTGAAGAACTACATGAGGAATATGCATACTGAAG
 AGAACCTATGAAAGCTTAAGAAAACCAATGAGGGATTANAGCAATCCACAAATCCGGG
 CAGACCGTCTGAAATGAAAGGTACTGCAAAATAAAGAATTCCTCAAATCCGTGACTGGA
 AAACCACCTTGATTTATACCACAGGTTTTTTTGAAGCCAAAGGAAGCTCTGCTTAAACA
 CAATATTAGGCTAGCTTGAATCGGACAAATTTAATTGGGACTCTTCCCATCAATTCAC
 CTAAGCGGAACCTGGACGCTTT

3' Read Nucleotide Sequence:

>OriGene 3' read for NM_025180 unedited
 TGGACCGGGCAGCAATCTAGTGTGAGTTTTTTTTTTTTTTTTTCTAGCAAATGGTT
 TATTCTTTCAACTTATTGCTGGAAGAAGTCCTTTAAACAAACCAGTGCAGAGAAAATGCC
 TATCAAAAGTATCAGTTTTTCAGCTTTCTTCACTGCTTTAGATGTATCATTTTTATA
 ATTTTATCTCTTCATGTTTTTAAAGAGCTGCTACTTCAGATGACAGTAACTCTTTGGTGT
 TTATTTTTATTCCAAGATTGTGATTTTTTAAAGGCTACTTTAAGGCTGTGAATTGTC
 TCACTGTCTTTTCACTCTCTCTTTTAGTTCTTCAATATGGGCATCCAAGCGCTCTAGAA
 TGTGATGAGACCTCAGTTCCTCTCTTCCAAAAATCTGGTAGCTATTGAACCAAGGGGAG
 ATACAGGAAGGAACACTCATGTAAACCAATTCCAATTCATCACCATTTCAGAAAGAT
 GACGATTTTCTAATTTGAGTGACTCCAGCTGATCCAAAATCTCCTTATGCTCTACTGCTT
 TGTCTTCTGCCTTTTGCATCTCTGCTCTGAGTCGCTTTTCCATGTCTGAGGAAGAACCTT
 TGGTGGAAGCAATAGTGATATCTCGCTGATGTAACCTCTGAGTTAGATGGGAGATTTCCA
 TCTTCATTCTCTTAGTGCAGAACTGTAACCTTTGTTACCCCTGTAAAATCTGGTCTTTCA
 ACCTCCTAATCTCTGCTCTGGATTCAATGGTATGNGCCTCCATCCTCCTCAGTTCTCATA
 TTTTCCATTANTCTGGGCTCAGCTGTTACACGTTGCACTCACAGATTCCCACTGCC
 TTCCAGAAAGTCACCTCCGCTGCANAAAGCCCCTACTATATGGGAAAATCCACTGGGAG
 AGCCCCGCTAGTCCCCTGCCTTGAAGGGACTTCTTCTGCANAATCCTCCGGGCCTT
 AGCTCTAGCAGGAGGGTAGGGCTACTTTCTGT

Restriction Sites:

NotI-NotI

ACCN:

NM_025180

Insert Size:

3200 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).

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_025180.2](#), [NP_079456.2](#)

RefSeq Size: 6054 bp

RefSeq ORF: 6054 bp

Locus ID: 80254

UniProt ID: [Q96MT8](#)

Cytogenetics: 3q22.2

Gene Summary: This gene encodes a protein with six coiled-coil domains. The protein is localized to the centrosome, a non-membraneous organelle that functions as the major microtubule-organizing center in animal cells. Several alternatively spliced transcript variants have been found, but their biological validity has not been determined. [provided by RefSeq, Jul 2008]
Transcript Variant: This variant (1) encodes the longest isoform (a).