

## Product datasheet for **SC111814**

### CEP76 (NM\_024899) Human Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	CEP76 (NM_024899) Human Untagged Clone
Tag:	Tag Free
Symbol:	CEP76
Synonyms:	C18orf9; HsT1705
Mammalian Cell Selection:	None
Vector:	<u><a href="#">pCMV6-XL5</a></u>
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF: >OriGene ORF within SC111814 sequence for NM\_024899 edited (data generated by NextGen Sequencing)

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ATGTCGCTGCCTCCGGAGAAAGCCTCCGAGCTGAAGCAGCTCATCCACCAGCAGCTGAGC
AAGATGGATGCCATGGTAGAATAAGAGAAATCCTTGCTGAGACTATACGGGAAGAATTG
GCACCTGATCAACAGCATTTATCAACAGAAGATTGATCAAAGCCCTTAGACGTCGAGGA
ATCATTGACGATGTGATGAAAGAACTTAATTTTGTACTGACAGTGTGAGCAAGAAGTCA
CCTTCTCTCCAAAACAACCTATTTGTTTTGATAGACAATCGACATTAAAAAAACTAAT
ATTGATCCAACACGGAGGTATCTTTACCTTCAGGTTTTGGGTGGAAAAGCTTTCTTGAA
CATCTGCAAGAACCTGAGCCTTTACCTGGACAAGTTTGTCAACGTTTACTTTATGTTTA
CATTATCGAAACCAACGTTTTCTGTTCTAAACCTGTTCCATGTGCCTGTGAACCAGATTTT
CATGATGGCTTTTTACTTGAAGTACACAGAGAAAGCTTGGGTGATGGAAGTGAATGGCT
GATTCAACAACAATGTTATCAATAAGTGATCCAATTCATATGGTGCTAATCAAAACAGAC
ATATTTGGTGAGACGACTTTAGTAGCATCATATTTCTGGAATGGCGATCGTTTTGGGC
TCAGAAAATGGAGTGACCAGTCTGACTGTGGAAGTATGGGTGTAGGCACAGAATCAAAA
GTTTCTGTGGGAATTTTAAATATAAAACTTGAATGTATCCACCACTCAATCAAACGTTA
TCTCAAGAAGTAGTGAACACACAGCTTGCTTTGGAACGTCAGAAAAGTGCAGAGAAAAGAG
CGATTATTTCTGTATATGCTAAGCAGTGGTGGAGAGAATATTTGCAAAATTCGACCCCTCA
CACAACCTCAGACTGGTTAAGATTTTTGCACAGGATGAAAATGGGATAAATAGACCAGTC
TGTTTCTATGTTAAACCACTTCGAGCTGGACGGCTTCTTGATACTCCAAGGCAAGCAGCA
AGATTTGTTAATGTCCTTGTTATGAACGAGCCCTGTTATTGGAGGAGGAGGTAACAG
GAGCAGTGGTGCCTCTGCTGGCCTTTCTCTGTAGAAAACAAGGGTGACTGTGAAGTAC
GCTAACCTTCTGTGCAGCCTTCTTCTGGATATGGATTAGAAGCCTTTGTTTGTGTTGG
ACCAAGGCAAAAAGGAGTACCTCATGCATGGGTTATGACTTGTGGAAGTATGGGGCCATC
ACTTTTTGGGAGAGTTTAAACAGGACACAGGTACATCCATAAACCTACCAATCCTGATGAA
CCTCCAGTTGCTGAACAGCCCAAACCACTGTACCCATATCGAACCAATTGTTTGTGTTTT
AACCATCAGATGTTTCTGGGAAATTGTCAACCCTCTGATGCAGTAGAACCTGTGTATTT
GATTTGAACGATGAATCCAAATGGAAACCCATGAGTGAGGAAGCAATTAATCTGTGTGT
GCTCCTGGAGCTACAACATCCCTTCTCCCTTTCCACCTCTGTGTGCATCCACAATTGAC
GCGTCAGTAACAAGTAAATGAAATGAAATGCAGCTGAGGCTCCTGGTGCAGAACACAGG
AAGGATCTTGGCCTCACTACTGTTTGGGAAGACCAGCTCTCTACCTTTTATCACCAGCT
TTGGCTTCTTATGAATTTGAGCGTACAACAAGTATATCAGCAGGCAATGAAGAATTTCAA
GATGCCATAAGAAGGGCTGTACCTGATGGTCACACATTTAAAGGGTTCCAATACATTTT
GTGTATAGAAATGCAAGACGTGCATTTGCCACATGTCTTCGATCTCCTTTCTGTGAAGAA
ATAATCTGTTGCCGTGGAGACCAAGTGCAGTGGCAGTTCGTGTCCGAGTATTTACTTAC
CCTGAATCTGCATGTGCTGTTTGGATCATGTTTGCCTGTAATATCGCTCGGTATTATAG
```

Clone variation with respect to NM\_024899.2

<b>5' Read Nucleotide Sequence:</b>	<p>&gt;OriGene 5' read for NM_024899 unedited</p> <pre>GTAATACGACTCACTATAGGGCGGCCGGAATCGGCACGAGGCTGGCCCGGCCGGGGCCG CGCAGTTAGGGCATCTGAGGCGGGGAGAAGCGGCGGGGAGACGCCGGCTGCCAGCATGTC GCTGCCTCCGGAGAAAGCCTCCGAGCTGAAGCAGCTCATCCACCAGCAGCTGAGCAAGAT GGATGCCATGGTAGAATAAGAGAAATCCTTGCTGAGACTATACGGGAAGAATTGGCACC TGATCAACAGCATTATCAACAGAAGATTGATCAAAGCCCTTAGACGTGAGGAATCAT TGACGATGTGATGAAAGAACTTAATTTTGTACTGACAGTGTGAGCAAGAAGCTCCCTTC CTCTCCAAAACAACCTATTTGTTTTGATAGACAATCGACATTAATAAAAACTAATATTGA TCCAACACGGAGGTATCTTTACCTTCAGGTTTTGGGTGGAAGCTTTCTTGAAACATCT GCAAGAACCTGAGCCTTTACCTGGACAAGTTTGTCAACGTTTACTTTATGTTTACATTA TCGAAACCAACGTTTTCGTTCTAACCTGTTCCATGTGCCTGTGAACCAGATTTTCATGA TGGCTTTTACTTGAAGTACACAGAGAAAGCTTGGGTGATGGAAGTGAATGGCTGATTC AACAAATGTTATCAATAAGTGATCCAATTCATATGGGTGCTAATCAAAACAGACATAT TTGGTGAGACGACTNTAGTAGCATCATATTTCTGGAATGGCGATCGGTNTTTGGGCTCA AANATGGAGTGACCAGTCTGACTGTGGACTNATGGGTGTANGCACAGATCAAAGNTTCTG TGGGATNTTAAATATAACTNGAATGTATNCACCACTCAATCAACGTATCTCAGAGTAGTG ACACCAGC</pre>
<b>3' Read Nucleotide Sequence:</b>	<p>&gt;OriGene 3' read for NM_024899 unedited</p> <pre>ATTTGNACGCGGCCGATTCTANAGTCGAGTTTTTTTTTTTTTTTTTTTAACTGTAACAA AGTAGCATTTATTAATAAGAAATACACTTAATTTATACTAAATCCAGGGAGATTTAT ACAAGTTTTTCAGCCTTAATTTTTAAAGGAATGCATGATTTTTTTTAAACATTACCAGTC AAGTATATACAAAATTGAAGTATGCCATTCAAGCCAGATTGTGATTTTAAATAACAAAC CTCTAAATAGCTAAGTAATGTACAATGTGTAAAATTCCAATTAACACAGGTATAAATCT TATATAAATATTGGCCCTATAATACCGAGCGATATTTACAAGCAAAACATGATCCAAACAG CACATGCAGATTCAGGGTAAGTAAATACTCGGACACGAACTGCCAGTCGCACTTGGTCTC CACGGCAACAGATTTTCTTACAGAAAGGAGATCGAAGACATGTGGCAAAATGCACGTC TTGCATTTCTATACAAAAATGTATTGGGAACCCCTTAAATGTGTGACCATCAGGTACAG CCCTTCTTATGGCATCTTGAAATCTTCATTGCCTGCTGATATACTTGTGTACGCTCAA ATTCATAAGAAGCCAAAGCTGGTGATAAAAGGTANGAGAGCTGGTCTTCCCAAACAGTAG TGAGGCCAAGATCCTTCTGTGNTCTGACACCANGAGCCTCAGCTGCATTTCAATTTTCA TACTTGTACTGACGCGTCAATTGTGGATGCACCAGNNNGNNAAGGGGGAAAGG GAGTTTTTTAAATTTCCGGAACCCACCCAGAATTAATTGGCTTCTCACTCCATGGGG TTCCATTTTGGATTATCGTTCAAATCAAATACCCAGGTTTCTACTGCATCAGAAGGGT GGACAATTTCCAGGACATCTGAAGTTGGAACACAACCAATTGTTCAATGGNACAAGG GTC</pre>
<b>Restriction Sites:</b>	NotI-NotI
<b>ACCN:</b>	NM_024899
<b>Insert Size:</b>	2290 bp
<b>OTI Disclaimer:</b>	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).
<b>Components:</b>	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\\_024899.2](#), [NP\\_079175.2](#)

**RefSeq Size:** 2884 bp

**RefSeq ORF:** 1980 bp

**Locus ID:** 79959

**UniProt ID:** [Q8TAP6](#)

**Cytogenetics:** 18p11.21

**Gene Summary:** This gene encodes a centrosomal protein which regulates centriole amplification by limiting centriole duplication to once per cell cycle. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Dec 2012]  
Transcript Variant: This variant (1) represents the longest transcript and encodes the longest isoform (a).