

## Product datasheet for **SC306400**

### CEP128 (NM\_152446) Human Untagged Clone

#### Product data:

|                           |                                            |
|---------------------------|--------------------------------------------|
| Product Type:             | Expression Plasmids                        |
| Product Name:             | CEP128 (NM_152446) Human Untagged Clone    |
| Tag:                      | Tag Free                                   |
| Symbol:                   | CEP128                                     |
| Synonyms:                 | C14orf61; C14orf145; LEDP/132              |
| Mammalian Cell Selection: | None                                       |
| Vector:                   | <u>pCMV6-XL5</u>                           |
| E. coli Selection:        | Ampicillin (100 ug/mL)                     |
| Fully Sequenced ORF:      | >OriGene ORF sequence for NM_152446 edited |

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ATGGCAGAATCATCCAGCGAATCAGATCACTTCCGCTGTCGTGACCGATTGAGTCCATGG
GCTGCCAGATCAACGCACAGGGGAACCTCGAAGTCTTCTACAGTAGAAGTTACCGAGAAG
GTCAACACTATAACAAGTACTTTACAGGATACCAAGTCGGAACCTGCGACAAGTGACCAG
ATGCTTGGACGATACCGAGAATACAGTAATGGACAGGCGGGTGCATAGAACATTTAAAA
GAAAGCTTGAACAATCAATCGACCAACTCCGGAGTCAACGTTTATTGAGAACTCAGGA
GGGAGAAGTATTTCTGTTACAAGTTTGTGAGTGCAAGTGACCTTGATGGTGGCACTGGGTCA
GAGCTCCATCATTTTCCACCTACCTCACCTCTCAAGGACTATGGGGATCCACAGGGTATT
AAACGAATGAGATCAAGAACTGGTGTCCGGTTTGTTCAGAGACTGATGATATGACTCAG
CTTCATGGTTTTTCATCAGTCTCTTCGAGACCTCAGCAGTGAACAAATTCGCCTTGGAGAT
GATTTCAACAGGGAGCTTTCAGAAGGAGCCGGTCAGATGCCGAAACAAAAGGGCTTTG
GAAGAATTGACTGAAAACTTAATGAAGCCAGAAACAAGAAAGTGGTTTCAGATCGGGTG
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CAAGTAGAGAATTTAACACGTGAACTGGAGAATGGGGAAAAACAGCAACTGCAGATGTTG
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TACCTCAGTGAGCTCCAGCAGTCAGAGGCTCTGAAAGAGGAGGCGGAGAGAGGAGGGAA
GACCTGAAACTGAAAGCTCAAGAATCCATTAGGCAGTGGAAGCTTAAGCATAAGAAGTTA
GAACGAGCGTTGGAGAAACAATCTGAAACTGTTGATGAACTGACAGGCAAGAATAATCAG

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ATTTTAAAGAAAAGGATGAATTGAAAACCCAGCTGTATGCAGCATTACAACAAATAGAG
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CACTCCAAGGAGGAGAAAATTACGTGATATTAAGTCTCATCAAGCTGACCTTGAATTGGAA
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ATCCAAAGCCAGATGAAAGTTGAGAAAGCTCACTTGGAGGAAGAAATTGCAGAGCTCAAG
AAGAGCCAGGCCAGGACAAAGCTAAACTTCTTGAGATGCAAGAGTCCATCAAGGACCTG
AGTGCCATCCGAGCAGATCTTGCTAATAAATTGGCTGAGGAAGAGAGGCCAAGAAAGCA
GTGCTTAAGGACCTTTCTGACCTCACTGCACAGGCAAAATCCAGGGATGAAGAAACAGCT
ACAATCATCACACAGTTAAAGCTGGAACGAGATGTGCACAGAGGGAGCTGAAAGATCTC
ACATCATCATTGCAGAGTGTGAAAAACAAACACGAACAGAATATCCAGGAGCTTATGAAG
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TGTGACAGACTGACAGAGGAATTAACCCAGAATGAAATGAGAACAAAAAAGTGAAGCTA
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CAACTCAGGAATTTGACTGAAAAACAGGAATCTGAGTTGCAGTGTCTCTTTCAACAGATA
GAAAGGCAGGAGCAGCTTCTGGATGAAATACATCGTGAGAAGAGAGATCTACTGGAAGAG
ACCCAAAGAAAAGATGAAGAAATGGGATCTCTGCAGGACCGTGTAAATGCATTAGAAACG
AGTACCAAGTGGCCTTGGACCATCTGGAGTCTGTGCCTGAGAACTGAGCCTACTAGAA
GATTTCAAAGACTTCAGAGATTCTGCAAGTTCATCTGAGAGAACTGATGGAAGATATTCC
AAATACAGGGTTCGAGAAATTCTTTCAGCATACCAAGATGACACCAAGTACAGAACC
AAAAGTTTCAAAGGTGACAGAACCTTTCTGGAAGGTTCCCACTCGTGGGTTAGATCAC
TCATCCTCTTGGCAGGATCACAGTCGCTTCCTGTCTAGTCCAAGATTTTCATACGTGAAC
TCATTTACCAAAAGAACTGTTGCTCCAGATTGAGCTTCAACAAGGAAGATGCCACAATG
AATGGAACAAGTTCACAACCCAAAAAGAGGAATATGGGAGCTAA

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**Restriction Sites:**

Please inquire

**ACCN:**

NM\_152446

**Insert Size:**

5000 bp

**OTI Disclaimer:**

Due to the inherent nature of this plasmid, standard methods to replicate additional amounts of DNA in *E. coli* are highly likely to result in mutations and/or rearrangements. Therefore, OriGene does not guarantee the capability to replicate this plasmid DNA. Additional amounts of DNA can be purchased from OriGene with batch-specific, full-sequence verification at a reduced cost. Please contact our customer care team at [custsupport@origene.com](mailto:custsupport@origene.com) or by calling 301.340.3188 option 3 for pricing and delivery.

The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. [More info](#)

|                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|-------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>OTI Annotation:</b>        | This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.                                                                                                                                                                                                                                                      |
| <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).                                                                                                                                                                                                                                                                                                                                    |
| <b>Reconstitution Method:</b> | <ol style="list-style-type: none"> <li>1. Centrifuge at 5,000xg for 5min.</li> <li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li> <li>3. Close the tube and incubate for 10 minutes at room temperature.</li> <li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li> <li>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.</li> </ol> |
| <b>RefSeq:</b>                | <u><a href="#">NM_152446.2</a></u> , <u><a href="#">NP_689659.2</a></u>                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>RefSeq Size:</b>           | 4454 bp                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>RefSeq ORF:</b>            | 3285 bp                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>Locus ID:</b>              | 145508                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>UniProt ID:</b>            | <u><a href="#">Q6ZU80</a></u>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>Cytogenetics:</b>          | 14q31.1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |