

Product datasheet for **SC324084**

CENPC (NM_001812) Human Untagged Clone

Product data:

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| Product Type: | Expression Plasmids |
| Product Name: | CENPC (NM_001812) Human Untagged Clone |
| Tag: | Tag Free |
| Symbol: | CENPC |
| Synonyms: | CENP-C; CENPC1; hcp-4; MIF2 |
| Mammalian Cell Selection: | Neomycin |
| Vector: | pCMV6-AC (PS100020) |
| E. coli Selection: | Ampicillin (100 ug/mL) |
| Fully Sequenced ORF: | >OriGene sequence for NM_001812.2 |

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TCGCGGCAGTCGCCTGAGACTTAAGGTTATTGCTTGGCCGCGCCTGGTATTCCGGCGAT
TCGTTTCTTGCTCGGCTTCCTGGAGCTGTGGTCCGTGTGGGCTTCCACCTCAGACAGTTG
CGCTGGCTCAGCGGGGCCGGAACATGGCTGCGTCCGGTCTGGATCATCTCAAAAATGGCT
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CACCAAGCAAAGAGTGCCAGAAATCACATCCAAAGTCAGTTCCAGTTTCTTCAAAGAAGA
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TTTCCAAAAACAGATGCCACCTGTGGGAAGCAAGAAAGTAGCACTAGAAAAGATAAGG
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GAGAGCGAATAGATTATCAGGGAAGGCCATCAGGAGGATTCGTGATTAGTGGAGTACTAT
CTCCAGACACAATATCGTCTAAAAGGAAGGCAAAAGAAAAATATTGAAAAGTCAACAAAA
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ACTTGTGATGTTTTAAAAATAAAATTTTATTCAGTTTAAAAAAAAAAAAAAAAAAAAA
AAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA

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| Restriction Sites: | ECorI-NOT |
| ACCN: | NM_001812 |
| 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). |
| OTI Annotation: | 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. |
| 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: | <ol style="list-style-type: none"> 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_001812.2, NP_001803.2

RefSeq Size: 3349 bp

RefSeq ORF: 2832 bp

Locus ID: 1060

UniProt ID: Q03188

Cytogenetics: 4q13.2

Gene Summary: Centromere protein C 1 is a centromere autoantigen and a component of the inner kinetochore plate. The protein is required for maintaining proper kinetochore size and a timely transition to anaphase. A putative pseudogene exists on chromosome 12. [provided by RefSeq, Jul 2008]

Transcript Variant: This variant (1) encodes the longer isoform (1). Sequence Note: The RefSeq transcript and protein were derived from genomic sequence to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on alignments.