

## Product datasheet for **SC318849**

### Centlein (CNTLN) (NM\_001114395) Human Untagged Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Centlein (CNTLN) (NM\_001114395) Human Untagged Clone  
**Tag:** Tag Free  
**Symbol:** Centlein  
**Synonyms:** bA340N12.1; C9orf39; C9orf101  
**Vector:** pCMV6 series  
**Fully Sequenced ORF:** >NCBI ORF sequence for NM\_001114395, the custom clone sequence may differ by one or more nucleotides

```
ATGGCGGCGGTTTCGCCTCCCTCACCGCACCTTCGCCCCAGCGCGACAGCTGGGCCCC  
AGGTCCCCACGTGTTGGGCGGGGAGCTGAAGTACACGCAATGCGCAGCGAGGCCTCGGGT  
TTTGCCGCGCAGCGCGGGAGGTGGTCGCGGACGAAAGTGATAAAATCTGGGTGGGTGAA  
GAAGGGTCAGGGGGCCGCGAGGGCCTGGGGGGCAGCTCCGGCTCATGCTCCCCCTCCTC  
AGCGCGCCCATGGGGTCCAGACGGCTAGAGGGCATCTCGGTAGAGGAGGCGATGGTGACC  
CGGACGCAGCTGCTGGAGGAAGAGCTGAGCAGCCTAAAGGAGGAGTTGGCCCTGTGTCAG  
GCTGATAAAGAATTTGTATGGTCTTTGTGAAACGTCTCCAGGTTACAAACCCAGATCTC  
ACACAAGTGGTCAGTTTGGTGTGGAAAGAGAAAAACAGAAATCTGAAGCTAAAGACAGA  
AAAGTTCTAGAAATTTCTGCAAGTCAAGGATGCCAAAATACAAGAATTTGAACAGAGAGAG  
TCAGTACTGAAACAGGAAATAAATGACCTTGTAACCGGAAAATTCAGTAGATGAAGAA  
AATGCTTTCTTAAGGAAAGAATTCAGTGACTTGGAGAAGAAATTTAAAGATAAAAGTCAA  
GAAATTAAGGACACTAAGGAGTGTGTACAGAACAAGAAGAGCAAAACAGACTAGTTATA  
AAAAATCTGGAGGAGGAAAACAAGAAATTAAGTACCCGCTGCACTGACCTGCTAAATGAC  
CTGGAGAAATTTGAGGAAGCAGGAAGCACATTTGAGAAAAGAAAAATATAGCACTGATGCA  
AAAATAAAGACCTTTGAAGACAATTTAATTGAAGCAAGGAAAGAAGTTGAAGTATCACAG  
AGTAAATACAATGCTCTATCATTACAGTTGAGTAATAAACAGACTGAACTTATCCAGAAG  
GATATGGATATTACCCTGGTCAGGAAGGAACTGCAGGAGCTGCAGAATCTTTACAAACAG  
AACAGTACACATACAGCCAGCAAGCAGAGCTGATCCAGCAGCTTCAAGTTCTCAATATG  
GACACACAAAAAGTACTGAGAAATCAGGAAGATGTTACACAGCTGAAAGTATATCATAT  
CAAAAAGTATGCTTTTATTCTGTAATAAAGATG
```

**Restriction Sites:** Please inquire  
**ACCN:** NM\_001114395  
**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).



[View online »](#)

<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>	<a href="#">NM_001114395.1</a> , <a href="#">NP_001107867.1</a>
<b>RefSeq Size:</b>	4887 bp
<b>RefSeq ORF:</b>	1176 bp
<b>Locus ID:</b>	54875
<b>UniProt ID:</b>	<a href="#">Q9NXG0</a>
<b>Cytogenetics:</b>	9p22.2
<b>Gene Summary:</b>	Required for centrosome cohesion and recruitment of CEP68 to centrosomes. [UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (2) lacks several exons in the central and 3' regions but includes an alternate 3' terminal exon, and it thus differs in its 3' coding region and 3' UTR, compared to variant 1. The encoded isoform (2) has a distinct C-terminus and is significantly shorter than isoform 1. Sequence Note: This RefSeq record was created from transcript and genomic sequence data to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments.