

## Product datasheet for MC205007

### Cetn1 (NM\_007593) Mouse Untagged Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Cetn1 (NM\_007593) Mouse Untagged Clone  
**Tag:** Tag Free  
**Symbol:** Cetn1  
**Synonyms:** caltractin  
**Mammalian Cell Selection:** Neomycin  
**Vector:** PCMV6-Kan/Neo (PCMV6KN)  
**E. coli Selection:** Kanamycin (25 ug/mL)

**Fully Sequenced ORF:** >BC061155  
 ACACACGTGCGATGTCAGGGCACCGTTAAGATCCCAACTGTTGTGGAGGATGGCGTCCACCTTCAGGAAG  
 TCAAACGTTGCCCTACCAGCTACAAGAGAAAGGTGGTCCTAAGCCTGAACTCACCGAAGATCAAAGC  
 AAGAAGTTCGGGAAGCCTTTGACCTCTTCGATTCTGATGGGAGCGGGACCATCGATGTGAAGGAGCTGAA  
 GGTGGCCATGAGAGCACTTGGCTTTGAACCCAGGAAGGAAGAGATGAAGAAAATGATTTTCAGAAGTAGAC  
 AAAGAGGCCACAGGAAAGATCAGCTTCAATGACTTCTTGCTGTGATGACTCAGAAGATGGCCGAGAAAAG  
 ATACCAAAGAGGAAATCCTGAAGCTTTTCAGGTTGTTTGATGACGACGAAACTGGGAAAATTTTCATTCAA  
 AAACCTCAAGCGTGTGGCAATGAGCTGGGGGAAAGCCTCACAGACGAGGAGCTGCAGGAAATGATTGAT  
 GAAGCTGATCGTGTGGCGACGGAGAAGTGAACGAGGAAGAGTTTCTTAAGATCATGAAAAAGACCAACC  
 TTTATTAAGTACTGGCTGAGGTCCTGCTTCTGCTTTTGTGAAAGTATGACAGAACAGCTGTGGTCTGT  
 TCCTTCTCCTGCCTCCTTTGTCTTGGTTGGCTTCTAAGCCTCTAGATCAATTATAAATTTTGAAGATAC  
 TTAATAA AAAAAA

**Restriction Sites:** Sfil-Sfil  
**ACCN:** NM\_007593  
**Insert Size:** 519 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).



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**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:** [BC061155](#), [AAH61155](#)

**RefSeq Size:** 776 bp

**RefSeq ORF:** 519 bp

**Locus ID:** 26369

**UniProt ID:** [P41209](#)

**Cytogenetics:** 18 A1

**Gene Summary:** Plays a fundamental role in microtubule-organizing center structure and function (By similarity). Plays a role in sperm cilia formation (PubMed:27530713).[UniProtKB/Swiss-Prot Function]