

## Product datasheet for MR201365

### Cetn3 (NM\_007684) Mouse Tagged ORF Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Cetn3 (NM\_007684) Mouse Tagged ORF Clone  
**Tag:** Myc-DDK  
**Symbol:** Cetn3  
**Synonyms:** MmCEN3  
**Mammalian Cell Selection:** Neomycin  
**Vector:** pCMV6-Entry (PS100001)  
**E. coli Selection:** Kanamycin (25 ug/mL)  
**ORF Nucleotide Sequence:** >MR201365 ORF sequence  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCCCGCATCGCC

ATGAGTTTAGCTCTGAGAGGTGAGCTTGTAGTAGACAAAACAAAAGGAAAAACGAAGAGAGCTCTCTG  
 AAGAACAGAAGCAAGAAATTAAGATGCTTTTGTAGCTGTTTGATACCGACAAAGACCAAGCCATAGATTA  
 TCATGAATTAAGGTGGCAATGAGAGCCTTGGCTTTGATGTGAAAAAGGCTGATGTGTTGAAGATTCTT  
 AAAGATTATGACAGAGAAGCCACTGGCAAGATCACATTTGAAGATTTAATGAAGTTGTGACAGACTGGA  
 TACTAGAGAGAGATCCACATGAGGAGATACTGAAAGCATTTAACTATTTGACGATGACGATTCCAGGAAA  
 GATAAGCTTGAGGAATTTACGGCGTGTGCCAGAGAGCTGGGTGAGAACATGAGCGATGAGGAGCTCCGG  
 GCCATGATAGAGGAGTTTGACAAAGACGCGATGGAGAGATAAATCAAGAGGAGTTCATTGCTATTATGA  
 CTGGTGACATA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Protein Sequence:** >MR201365 protein sequence  
 Red=Cloning site Green=Tags(s)

MSLALRGELVVDKTKRKRRELSEEQKQEIKDAFELFDTKDQAIIDYHELKVAMRALGFDVKKADVLKIL  
 KDYDREATGKITFEDFNVEVTDWILERDPHEEILKAFKLFDDDDSGKISLRNLRVARELGENMSDEELR  
 AMIEEFDKGDGEINQEEFIAIMTGDI

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

**Restriction Sites:** Sgfl-MluI



**Cloning Scheme:**


**ACCN:** NM\_007684

**ORF Size:** 504 bp

**OTI Disclaimer:** 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](#)

**OTI Annotation:** This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.

**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:**

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\\_007684.1](#), [NM\\_007684.2](#), [NM\\_007684.3](#), [NP\\_031710.1](#)

**RefSeq Size:** 1013 bp

**RefSeq ORF:** 504 bp

**Locus ID:** 12626

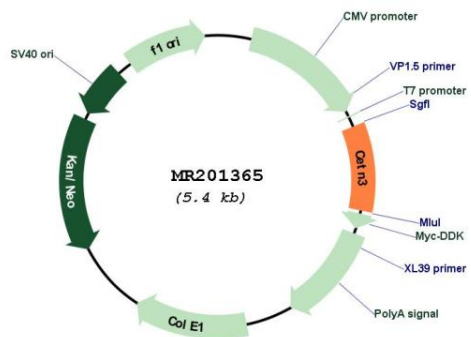
**UniProt ID:** [O35648](#)

**Cytogenetics:** 13 C3

MW: 19.5 kDa

Gene Summary: Plays a fundamental role in microtubule-organizing center structure and function.  
[UniProtKB/Swiss-Prot Function]

**Product images:**



Circular map for MR201365