

## Product datasheet for MR201474

### Cetn2 (NM\_019405) Mouse Tagged ORF Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Cetn2 (NM\_019405) Mouse Tagged ORF Clone  
**Tag:** Myc-DDK  
**Symbol:** Cetn2  
**Synonyms:** 1110034A02Rik; AI326150; Calt; caltractin  
**Mammalian Cell Selection:** Neomycin  
**Vector:** pCMV6-Entry (PS100001)  
**E. coli Selection:** Kanamycin (25 ug/mL)  
**ORF Nucleotide Sequence:** >MR201474 ORF sequence  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGATCGCC**

ATGGCCTCTAATTTTAAGAAGACAACCATGGCATCCAGTGCCAGAGAAAAAGGATGAGTCCTAAGCCTG  
 AACTTACTGAAGACCAGAAACAGGAAATCCGGGAAGCTTTTGATCTCTTTGATGCTGATGGAAGTGAAC  
 TATAGACATCAAAGAAGTGAAGGTGGCAATGAGGGCCCTGGGCTTTGAGCCCAAGAAAGAAGAAATTAAG  
 AAAATGATAAGTAAAATGATAAAGAAGGAACAGGAAAAATGAATTCAGTGACTTTTTGACAGTGATGA  
 CTCAGAAAATGTCTGAGAAAGACTAAAGAAGAAATCCTGAAAGCTTTCAAGTTGTTTCGATGATGATGA  
 GACTGGGAAAATATCATTCAAGAATCTTAAGCGGTGGCCAAGGAGCTGGGTGAGAACCTGACAGATGAG  
 GAACTGCAGGAAATGATTGATGAAGCTGATCGAGATGGAGATGGTGAAGTCAATGAGCAAGATTCCTGC  
 GCATCATGAAAAAGACCAGCCTCTAT

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Protein Sequence:** >MR201474 protein sequence  
 Red=Cloning site Green=Tags(s)

MASNFKTTMASSAQRKRMSPKPELTEDQKQEIREFDLFDADGTGTIDIKELKVAMRALGFEPKKEEIK  
 KMISEIDKEGTGMNFSDFLTVMTQKMSEKDTKEEILKAFKLFDDDETGKISFKNLKRVAKELGENTLDE  
 ELQEMIDEADRDGDGEVNEQEFRLIMKKTSLY

**TR**TRPLEQKLISEEDLAANDILDYKDDDDKV

**Restriction Sites:** Sgfl-MluI

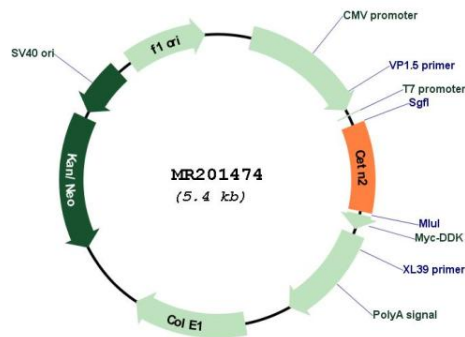




MW: 19.8 kDa

**Gene Summary:** Plays a fundamental role in microtubule organizing center structure and function. Required for centriole duplication and correct spindle formation. Has a role in regulating cytokinesis and genome stability via cooperation with CALM1 and CCP110 (By similarity). [UniProtKB/Swiss-Prot Function]

**Product images:**



Circular map for MR201474