

Product datasheet for **MC203824**

Cetn2 (NM_019405) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Cetn2 (NM_019405) Mouse Untagged Clone
Tag: Tag Free
Symbol: Cetn2
Synonyms: 1110034A02Rik; AI326150; Calt; caltractin
Mammalian Cell Selection: Neomycin
Vector: PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection: Kanamycin (25 ug/mL)

Fully Sequenced ORF: >BC013545
 GTCCGTTGGGTGATGGCCTCTAATTTTAAAGAACAACCATGGCATCCAGTGCCAGAGAAAAAGGATGA
 GTCCCTAAGCCTGAACTTACTGAAGACCAGAAACAGGAAATCCGGGAAGCTTTTGATCTCTTTGATGCTGA
 TGGAACTGGAACATAGACATCAAAGAAGTGAAGGTGGCAATGAGGGCCCTGGGCTTTGAGCCCAAGAAA
 GAAGAAATTAAGAAAATGATAAGTGAAATTGATAAAGAAGGAACAGGAAAAATGAACTTCAGTGACTTTT
 TGACAGTGATGACTCAGAAAATGTCTGAGAAAGACACTAAAGAAGAAATCCTGAAAGCTTCAAGTTGTT
 CGATGATGATGAGACTGGGAAAATATCATTCAAGAATCTTAAGCGCGTGGCCAAGGAGCTGGGTGAGAAC
 CTGACAGATGAGGAACTGCAGGAAATGATTGATGAAGCTGATCGAGATGGAGATGGTGAGGTCAATGAGC
 AAGAGTTCCTGCGCATCATGAAAAAGACCAGCCTCTATTAAGATCAGTGTTCCTTTTCTACTGCAAGCA
 CATGTGACTAGATTTAGTGCCTGGCATTGTGAAATATGGCTTTTGAAGCCTCCCTCCCCAACCTGG
 GGTAACTTTAGCCATGACCTTGAATCTATTTTACTTTTGAAGTGTTCCTTTGATATTAAGTTCTTTGT
 ACATTTACCTGCTGACTAAATCAACAGGGCAGAACAAAGAGCACATAGAGTGGGAAAAGGGTCTGAAAGT
 GTGACTGTGGCCACCCACCTTCCATTACTTACCTTGCTCATGCATATCCACTCGACTGAAAACATGCA
 GTGGCTTCTTAGTTGTCCATGTATCCATGTCCACATAAGCAGTGGTTGTTCTTAAAGTGGTTTTGGTTTT
 CATTTGACACCACAGTACAGTTTTCTCTTTTACAAAACCAATGAGTGCTTGCTGTGGCATTGGATGTG
 TGTTAATGATTTGTTGGTCTTTAAAAAATAAAACCTTTCTAATTTAAAAAATAAAAAA

Restriction Sites: RsrII-NotI

ACCN: NM_019405

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).



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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:	<u>BC013545</u> , <u>AAH13545</u>
RefSeq Size:	1044 bp
RefSeq ORF:	519 bp
Locus ID:	26370
UniProt ID:	<u>Q9R1K9</u>
Cytogenetics:	X 37.29 cM
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]