

Ccno (NM_001081062) Mouse Untagged Clone

Product Type: Expression Plasmids

Tag: Tag Free

Symbol: Ccno

Synonyms: C86987; Ccnu; E130318K11; Ung2

Mammalian Cell Neomycin

Selection:

Vector: pCMV6-Entry (PS100001)

E. coli Selection: Kanamycin (25 ug/mL)

Fully Sequenced ORF: >MC212689 representing NM_001081062
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGGTTACCCCTTGCCCTGCCAGCCGGGACGCCCGCCGGGAGCGGGAGGCGAGACAGCCACCAGA
ACCTCCGCGCCCCAGTGAAGAAGAGCAGACGCCCGTGCTCCGGAGAAAGAAGCCGCTGCGGCCGCTGAA
CGCGTGTTTCGCTCCCGGGAGACTCGGGCGTCTGTGACCTTTTCAGTCCCCAGCTCCAGCTCGGACGGC
GCCGACAGCCCCGAGTGTCTCGGGCGCGGAGCTGCAGCTCCCTACTCAACCTTGCCAGCCCTTGACAG
CGCTGGATCTCCAGACCTTCCGAGAATACGGCCAGAGCTGCTACGACTTCCGAAAGGCGCAGGAGAACT
TTTCCACCCCGGGGAGTGCTGGCGGCCAGCCACAAGTACGACTGCCGAATCGCGCTGTAACTGCTCAGC
TGCGCTCTGCAAGTCCACGCCGAGCTCGGCCTCTCTTTCAGTGCCTGTGTCTGACCGTAATACTCTGG
ACCGTTTTCTCCTCAGACACCCTGTGGTGCAGACTGCTTCAGACTGCTCGGGGTCACTGTCTGCTCAT
CGCTTGCAAGCAGGTAGAGGTGCACCCACCTCGCTTGAACAGCTCCTGGCCCTGTGCGGCGGTGCGTTC
TCCGGCAGCAGCTGTGCAACCTGGAGTGCATCGTGCTGCATAAGCTCCACTTCAGCTGGGCGCGCCA
CCATCAACTTCTTCTGGAGCACTTCACTCAGTGGCGCATGGAAGCCGGCCAGGCTAGGTCACCGAAGC
TCTAGAGGCTCAAACCTGGCCCGGGAGTGGCGGAGCTGAGCCTAACGGATTACGGCTTCACTACCTAC
ACGCCGTCCTGATGGCTATCTGCTGCTGGCGCTGGCTGACGGATTGCTGCAGCACCAGCACAGAGATGG
ACCTGGCGCTGGGAGAGCACCCAGAGGCCACACTGCAAGACTGTCTGGCAAGCTGCAGACGCTAGTGT
CATCAATAGCAGCTCCCTGCTCGCATCTGCCTCCCAGACTCTGGGAGAGGTGCAGCTGCCCCAGAT
TGGCAATAA

AG**CGGACCG**ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCC
TGGATTACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-RsrII



This product is to be used for laboratory only. Not for diagnostic or therapeutic use.

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ACCN:	NM_001081062
Insert Size:	1059 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).
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.
Note:	Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.
RefSeq:	<u>NM_001081062.1</u> , <u>NP_001074531.1</u>
RefSeq Size:	1876 bp
RefSeq ORF:	1059 bp
Locus ID:	218630
UniProt ID:	<u>P0C242</u>
Cytogenetics:	13 D2.2
Gene Summary:	Specifically required for generation of multiciliated cells, possibly by promoting a cell cycle state compatible with centriole amplification and maturation. Acts downstream of MCIDAS to promote mother centriole amplification and maturation in preparation for apical docking (By similarity). May be involved in apoptosis in lymphoid cells; however, this result requires additional evidences in vivo. May be involved in oocyte meiotic resumption in oocytes. [UniProtKB/Swiss-Prot Function]