

Product datasheet for **MC209886**

Ccnc (NM_016746) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Ccnc (NM_016746) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Ccnc
Synonyms:	AI451004; AU020987; CG1C
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>MC209886 representing NM_016746 Red =Cloning site Blue =ORF

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGCAGGGAACCTCTGGCAGAGCTCCCACTATTTGCAGTGGATTTGGATAAACAAGATCTGTTGAAAG
AGCGCCAAAAGGACCTAAAGTTTCTCTCAGAAGAGGAGTATTGGAAGTTACAAATATTTTTACAAATGT
TATCCAAGCATTAGGTGAACATCTAAATTAAGACAACAAGTTATTGCTACTGCTACAGTCTATTTCAAG
AGATTCTATGCTAGGTATTCTCTGAAAAGTATAGATCCTGTATTAATGGCGCCTACATGTGTGTTCTGG
CATCCAAAGTAGAGGAATTTGGTGTGTCTCAAATACAAGATTGATTGCTGCTACTACTTCTGTATTA
AACTAGATTTTTCATATGCTTTTCCAAAGGAATTCCTTACAGGATGAATCATATACTAGAATGTGAATTT
TACCTCTTAGAATTAATGGACTGTTGCTTGATAGTGTATCATCCTTATAGACCTTTGCTCCAGTATGTGC
AGGACATGGGCCAGGAAGACGTGCTGCTTCCCCTTGCATGGAGGATAGTGAATGATACCTACAGGACGGA
TCTCTGTCTGCTGTACCCCTCCGTTTCATGATCGCTTTAGCTTGCCATGATGTAGCCTGTGTCGTACAACAG
AAAGATGCTAGACAGTGGTTTGCAGAACTTTCTGTGGATATGGAGAAGATTTTGGAAATAATCAGGGTTA
TTTTAAACTGTATGAGCAGTGAAGAATTTTGTGAGAGAAAAGAGATGGCAACTATTCCTAGTAAAGAT
GCCGAAACCAAACACCTCCAAACAGTGAAGGTGAGCAGGGTCCAAATGGAAGTCAGAACTCTAGCTAC
AGCCAATCTTAA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:	Sgfl-MluI
ACCN:	NM_016746
Insert Size:	852 bp



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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:	<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:	BC120649 , AAI20650
RefSeq Size:	2377 bp
RefSeq ORF:	852 bp
Locus ID:	51813
UniProt ID:	Q62447
Cytogenetics:	4 A3
Gene Summary:	<p>Component of the Mediator complex, a coactivator involved in regulated gene transcription of nearly all RNA polymerase II-dependent genes. Mediator functions as a bridge to convey information from gene-specific regulatory proteins to the basal RNA polymerase II transcription machinery. Mediator is recruited to promoters by direct interactions with regulatory proteins and serves as a scaffold for the assembly of a functional preinitiation complex with RNA polymerase II and the general transcription factors. Binds to and activates cyclin-dependent kinase CDK8 that phosphorylates the CTD (C-terminal domain) of the large subunit of RNA polymerase II (RNAP II), which may inhibit the formation of a transcription initiation complex (By similarity).[UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (1) encodes the longest isoform (1). Sequence Note: This RefSeq record was created from transcript and genomic sequence data to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments.</p>