

## Product datasheet for MR202077

### Ccdc85b (NM\_198616) Mouse Tagged ORF Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Ccdc85b (NM_198616) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Ccdc85b
Synonyms:	A1842788; BB115872
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>MR202077 ORF sequence Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCCCGCATCGCC

ATGGAGGCCGAAGCAGGCGGCCTGGAGGAGCTGACGGACGAGGAGATGGCGGCGCTGGGTAAAGGAGGAGC  
TGGTGCGGCGCCTGCGGCGGGAGGAGGCGGCGCCTGGCAGCGCTAGTGCAGCGCGGCCGCTGATGCA  
GGAGGTGAATCGGCAGCTGCAGGGTCACCTGGGCGAGATCCGTGAGCTCAAACAGCTCAACCGGCGCCTG  
CAGGCGGAGAACCGGGAGCTGCGCGACCTCTGTGCTTTCTGGACTCGGAGCGCCAACGAGGACGGCGTG  
CGGCGCGCAGTGGCAGCTCTTTGGGACCAAGCATCCCAGGCGGTGCGCGAGGACCTGGGTGGCTGTTG  
GCAGAAGCTAGCGGAGCTGGAAGGCCGCCAGGAGGAGCTGCTGCGGAAAATCTGGCCCTTAAGGAGCTT  
TGCTTAGCACTGGGCGAAGAGTGGGGCCCCCGCGTGGCCCCGGCGCGCAGTGGGCTCAGGTGCTGGGC  
CCACACCCGAGCTCGCCCTGCCACCGTGCAGGCCCCGCGACCTAGGCGATGGAAGTTCAGCACTGGCAG  
TGTGGGACGCCGGATCAGTTGCCCTAGCCTGCTCCCCTGATGAC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:	>MR202077 protein sequence Red=Cloning site Green=Tags(s)
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MEAEAGGLEELTDEEMAALGKEELVRRLRREEAARLAALVQRGRLMQEVNRQLQGHLEIRELKQLNRRL  
QAENRELRDLCCFLDSERQRGRRARQWQLFGTQASRAVREDLGGCWQKLAELEGRQEELLRENALKEL  
CLALGEEWGPARGPGGAVGSGAGPTPELALPPCGPRDLGDGSSSTGSVGSPPQLPLACSPDD

TRTRPLEQKLISEEDLAANDILDYKDDDDKV



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Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: NM\_198616

ORF Size: 609 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\\_198616.4](#), [NP\\_941018.1](#)

RefSeq Size: 4401 bp

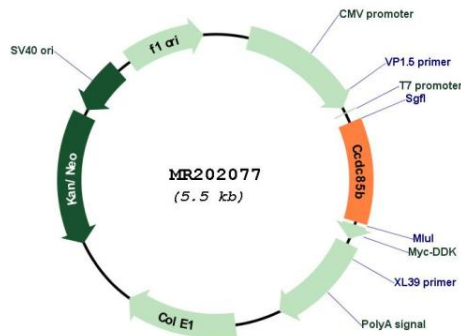
RefSeq ORF: 609 bp

Locus ID: 240514

UniProt ID: [Q6PDY0](#)

Cytogenetics:	19 A
MW:	22.1 kDa
Gene Summary:	Functions as a transcriptional repressor. May inhibit the activity of CTNNB1 in a TP53-dependent manner and thus regulate cell growth. May function in adipocyte differentiation, negatively regulating mitotic clonal expansion (PubMed:15644333, PubMed:22666460). [UniProtKB/Swiss-Prot Function]

### Product images:



Circular map for MR202077