

Product datasheet for **MC225558**

Ccdc85b (NM_001243307) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Ccdc85b (NM_001243307) Mouse Untagged Clone
Tag: Tag Free
Symbol: Ccdc85b
Synonyms: AI842788; BB115872
Mammalian Cell Selection: Neomycin
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Fully Sequenced ORF: >MC225558 representing NM_001243307
Red=Cloning site **Blue**=ORF **Orange**=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGAGGCCGAAGCAGGCGGCCTGGAGGAGCTGACGGACGAGGAGATGGCGGCGCTGGCGGAGAACCGG
GAGCTGCGCGACCTCTGCTGCTTTCTGGACTCGGAGCGCCAACGAGGACGGCGTGC GGCGCGCCAGTGGC
AGCTCTTTGGGACCCAAGCATCCCGGGCGGTGCGCGAGGACCTGGGTGGCTGTTGCCAGAAGCTAGCGGA
GCTGGAAGGCCCGCAGGAGGAGCTGCTGCGGGAAAATCTGGCCCTTAA****

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_001243307
Insert Size: 258 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).

OTI Annotation: Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.



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>NM_001243307.1, NP_001230236.1</u>
RefSeq Size:	4246 bp
RefSeq ORF:	258 bp
Locus ID:	240514
Cytogenetics:	19 A
Gene Summary:	<p>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]</p> <p>Transcript Variant: This variant (2) lacks a segment of the coding region, which results in a frameshift, compared to variant 1. The encoded isoform (2) has a shorter and distinct C-terminus, compared to isoform 1.</p>