

## Product datasheet for MR203778

### Ccdc106 (NM\_146178) Mouse Tagged ORF Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Ccdc106 (NM_146178) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Ccdc106
Synonyms:	BC018462
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>MR203778 ORF sequence Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGAATGACAGAAACAACCGTTGGCGGACAATGAAGGACGAAGAGACCTTTGAGATCTCCATTCTTTTG  
AAGAGGCACCCCACTTAGACTCACAAATCTTATACCGTCTGAGTCCGTCTCGGAGAAATGTTGAGGAGCC  
TCCAGAGGGCGCCTCCCCAACCTGGCCCTGATGAGCAGTGTTAAGGCCAGCTGCACATGGCACTGGAG  
AGGAACCTCGTGGTTCAGAAGCGCATTGAGGACCTGGAGGAGGAGAGGGACTTCTTGCGGTGTCACTGG  
ACAAATTCATTTCTCTGCCCGGATGGATGCAGAGGACTACTGCCGGATGAAGCCTGGACCTCGGAGGGT  
TGATGGGGACAGCAGGGCTGGGGTTGGAGAAGCCTCAGACCCGAGTCCGACGCCCTCTCCTTCAGCGGG  
GTTTCCGAAGACGGAAGTGCCAGTGAAAGGAAGAGGCAGAAGCAGAAGGGAAAGTACTGGCCGGAAGCGAT  
TTGGGAAGACCAAGGCTCGAGAGAGGCAGCGGGTGAAGGATGCTGATGGGGTCTCTGCCCTACAAGAA  
GATCCTGGGCACCTTCCAGAAGCTGAAGAGCATGTCCAGAGCCTTCGAGCACCACCGTGTGGACAGGAAC  
ACCGTGGCGCTGACCACGCCATCGCAGAGCTACTCATTGTGGCTCCCGAAAAGCTGGCTGAGGTGGGAG  
AGTTCGATCCATCCAAGGAGCGCCTGCTAGAGTATCCCGCCGCTGCTTCTGGCACTGGACGACGAGAC  
TCTCAAGAAGGTGCAGGCTCTCAAGAAGAGCAAGCTGCTCCTGCCATCACCTACCGCTTCAAGCGG

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA



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**Protein Sequence:** >MR203778 protein sequence  
Red=Cloning site Green=Tags(s)

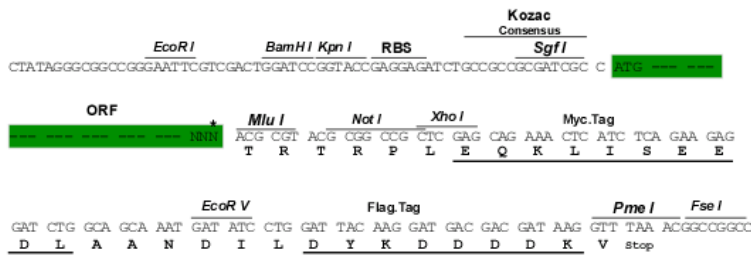
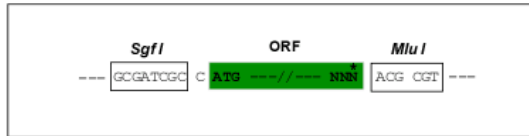
MNDRNNRWRMTMKDEETFEISIPFEEAPHLDSQILYRLSPSRNVEEPPEGASPTLALMSSVKAQLHMALE  
 RNSWLQKRIEDLEEERDFLRQLDKFISARMDAEDYCRMKPGPRRVGDGSRAGVGEASDPESAASSFSG  
 VSEDGSASERKRQKQKGGSTGRKRFGKTKARERQVRVKDADGVLCRYKKILGTFQKLKSMSRAFEHHRVDRN  
 TVALTTPIAELLIVAPEKLAEVGEFDPKERLLEYSRRCFALDDETLKKVQALKKSKLLLPITYRFKR

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

**Restriction Sites:** SgfI-MluI

**Cloning Scheme:**

Cloning sites used for ORF Shuttling:



\* The last codon before the Stop codon of the ORF

**ACCN:** NM\_146178

**ORF Size:** 840 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\\_146178.1](#), [NP\\_666290.1](#)

**RefSeq Size:** 2016 bp

**RefSeq ORF:** 840 bp

**Locus ID:** 232821

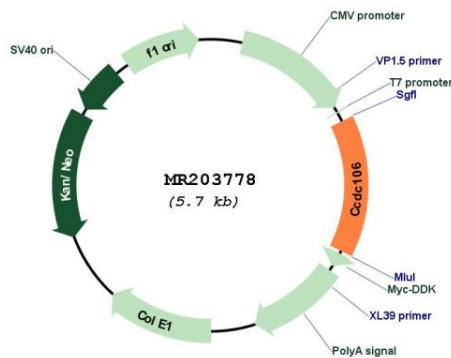
**UniProt ID:** [Q3ULM0](#)

**Cytogenetics:** 7 A1

**MW:** 32.1 kDa

**Gene Summary:** Promotes the degradation of p53/TP53 protein and inhibits its transactivity.[UniProtKB/Swiss-Prot Function]

### Product images:



Circular map for MR203778