

Product datasheet for **MR228960**

Ccdc106 (NM_001290432) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Ccdc106 (NM_001290432) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Ccdc106
Synonyms:	BC018462
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
ORF Nucleotide Sequence:	>MR228960 representing NM_001290432 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGAATGACAGAAACAACCGTTGGCGGACAATGAAGGACGAAGAGACCTTTGAGATCTCCATTCCCTTTG
AAGAGGCACCCCACTTAGACTCACAAATCTTATACCGTCTGAGTCCGTCTCGGAGAAATGTTGAGGAGCC
TCCAGAGGGCGCCTCCCAACCCTGGCCCTGATGAGCAGTGTTAAGGCCAGCTGCACATGGCACTGGAG
AGGAACTCGTGGTTGCAGAAGCGCATTGAGGACCTGGAGGAGGAGAGGGACTTCTTGCGGTGTCAGCTGG
ACAAATTCATTTCTCTGCCCGGATGGATGCAGAGGACTACTGCCGGATGAAGCCTGGACCTCGGAGGGT
TGATGGGGACAGCAGGGCTGGGGTTGGAGAAGCCTCAGACCCGAGTCCGGCAGCCTCCTCCTCAGCGGG
GTTTCCGAAGACGGAAGTGCCAGTGAAAGGAAGAGGCAGAAGCAGAAGGGAAGTACTAGCCGGAAGCGAT
TTGGGAAGACCAAGGCTCGAGAGAGGCAGCGGGTGAAGGATGCTGATGGGGTCTCTGCCGCTACAAGAA
GATCCTGGGCACCTTCCAGAAGCTGAAGAGCATGTCCAGAGCCTTCGAGCACCACCGTGTGGACAGGAAC
ACCGTGGCGCTGACCACGCCATCGCAGAGCTACTCATTGTGGCTCCCGAAAAGCTGGCTGAGGTGGGAG
AGTTTCGATCCATCAAGGAGCGCCTGCTAGAGTATCCCGCCGCTGCTTCTGGCACTGGACGACGAGAC
TCTCAAGAAGGTGCAGGCTCTCAAGAAGAGCAAGCTGCTCCTGCCATCACCTACCGCTTCAAGCGG

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence: >MR228960 representing NM_001290432
Red=Cloning site Green=Tags(s)

MNDRNNRWRMTMKDEETFEISIPFEEAPHLDSQILYRLSPSRNVEEPPEGASPTLALMSSVKAQLHMALE
 RNSWLQKRIEDLEEERDFLRCLDKFISSARMDAEDYCRMKPGPRRVVDGDSRAGVGEASDPESAASSFSG
 VSEDGSASERKRQKQKQKSTSRKRFGKTKARERQVRKADGVLCRYKKILGTFQKLKSMSRAFEHHRVDRN
 TVALTTPIAELLIVAPEKLAEVGEFDPKERLLEYSRRCFALDDETLKKVQALKKSKLLLPITYRFKR

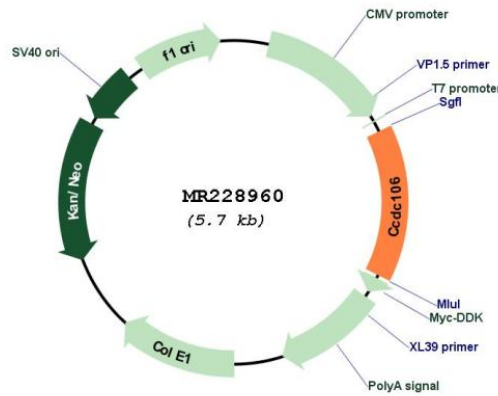
TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: SgfI-MluI

Cloning Scheme:



Plasmid Map:



ACCN: NM_001290432
ORF Size: 837 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:	<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:	NM_001290432.1 , NP_001277361.1
RefSeq Size:	1384 bp
RefSeq ORF:	840 bp
Locus ID:	232821
UniProt ID:	Q3ULM0
Cytogenetics:	7 A1
MW:	32.5 kDa
Gene Summary:	Promotes the degradation of p53/TP53 protein and inhibits its transactivity.[UniProtKB/Swiss-Prot Function]