

## Product datasheet for **MR218510**

### **Ccdc157 (NM\_001164620) Mouse Tagged ORF Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Ccdc157 (NM_001164620) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Ccdc157
Synonyms:	4930562D19Rik; mKIAA1656
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



[View online »](#)

ORF Nucleotide  
Sequence:

>MR218510 representing NM\_001164620  
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCCGCGATCGCC

ATGGCACACCTGCTAGGCAGCCAGGCTTGTATGGACAGCCTGCGCAAGGACCTCACCGACCTGCAGGGCA  
CCATTGTGGATGTGTTCTCTCGTGCTGGGCCTGTGCGCTTCCCCTCCTGGAAGTTCCCTGATCGTGTGGC  
CTGCGACCTTGACATGGTGGCCCTTCTGGAGCACTATGACCATGTGCCAGGTGACCTGAGTTCACACAG  
TTGTCCCATGCCGTGCTGCTGGAGCTGGTCACTGACAGGCTCCTGCTGCTGCTTCCAGAGTTGTGCCAGCT  
ACTTGGAAAACCTCAGTGTGGAGCAGATGATGCCTCCTGCCCGGCTGCAGGGCCATGCATGTCCGTGGG  
ACTTACAGTACGGCGCTTCTGGAGCAACCTGCTTAGGCTGGGCCTGCTCTACCAGCAGGCAGTCCCCAG  
AAAAGAGCAAACCAAGGGGAGATTTCTATACCAAAGCCACAGCTAAGGGTGAACCAGCCAGGAGCCCGG  
AATGTATGACTGCCAAGTTCATCAAGCCCCCTTCCCCTGTCAGGCTTGCCTTTGATCTGCCAAGGGTT  
GCAGAGCATCCCTGTCAGAGTCTCCTGCGGAGCCAGGTGGAACCTCTGAGAAAATAAGAGCGTCTAC  
TCCAGACCGTCGAGACAGCCTTGGTGCCTGTGATGCTTGCACCAAGTGTCCAGGGCAGCTTGTGGGAGG  
TGGCAAGGTTGTTATCAGCCTGTGTACAGGCAAAAATTGCCTTCATCCTTGGGCCAGTTCAGAAAGTT  
GGTGAAGGACAGCCTGGGGCTTAAACCACTGCCAGCTGCCACCGTGGGCCACTGGGCAGCAGAGCAGAGC  
AAAGACCTGACTCGTCTCAATAAACATGTGGGGCCCTCACCCAGCTTGTGGGCCCTCAGGGCTCAGC  
TGGAAAGACGCTGAGGGGCAGAAGGATGGGCTGAGGAAGCAGGTGAGCAAGCTGGAGCAGGCCCTGCAGCA  
GGAGCAAGGGCAGCGGCAGCGGCAGACAGAGGAGGCTGAGCGGACCCTGGCCAAGTGCAGAGCATGACAGG  
CATCAGCTGCTCACAGAAACATGTGACCTAAAGACAAAGGTGGCCGTTTTGGAGGGAGACCTGAAGCAGC  
AGCAGAAGTCCATACAGGCCATGGAGGCCAAGGCTCAGCAGCTGGAGGAGGAAGGGGAGCGTAGGGCAGC  
AGCTGAGAGGCAGGTGCAGCAGCTGGAGGAGCAAGTGCAGCTGCTGGCGGGCGGCTGGACGGGGCTAGC  
CAGCAGATCCGCTGGGCCAGCACGGAGCTGGACAAGGAGAAGGCCCGCTCGACAGCATGGTCCGTCTAC  
AGGAGTCCCTGCAGGCCAAGCAGAGGACTTTGCTACAGCAGCTGGACTGTCTGGACCAGGAGCGGGAAGA  
GCTGCGGGGAAGTCTGGATGAGGCTGAGGCCACAGCGGTCTGAGTTGGAGGAGCAGCTGCAGAGCCTCCAG  
AGCGATAGGGAGCAGGAACAGTGCCAGCTACAGGCCACAGGAACTGCTGCAGAGCCTGCAGCAGGAGA  
AACAGGACCTGGAACAGGTGACTACAGACCTGCAGCTGACCATCTCTGAGCTACGGCAGCAGCTGGAGGA  
GCTGAAGGAACGGGAGCGGCTGCTGGTGGCCTTCCCAGACCTGCACCAGCCAGAGGAGGCCAGATCCAA  
AGCTCTAGCAATGTCACGCAGGACATGGAGAGGCAAGTGAAGCCAATGCTATCCGTATCCAGGTCTTAC  
AGGAGGAGAACAAGCGGCTCCAGTGCATGCTGACCAAAATCCGAGAGGTGGCCAGCAGGGAGGCCCTCAA  
GATGGTCCCAGGGCCAGCTCTGGTCCCCTCCCTACAAGGGCATCCAGGGAGCAACCCCTCCAGGCCAG  
GCCAGAGTGCATTCTCAGGGTTGACAGGCAGACGGCAGTCTCCTGGCAGCAGGACAAGCAGCACAGGCA  
GGACCCATCCTGGCGGGCTCCGTACATCCCCTGCTCGGCAGCCCGGGCGGCTTGGCCAGCAAGTTCTTTT  
GGGGATGGAAGTCATTCAGCATCTGCACCCAGAATCCCATAGGGCCTTGGCCAGGCTGAGGAGAAAAG  
CTTTCACCGAACCGTCAGGCTGGTCTACATACCAGCCCCAGGAGCGGCCACG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA

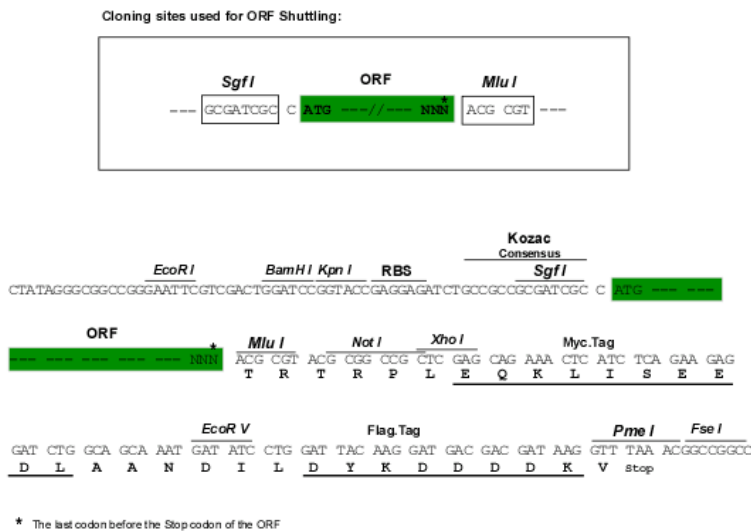
**Protein Sequence:** >MR218510 representing NM\_001164620  
 Red=Cloning site Green=Tags(s)

MAHLLGSQACMDSLRLKDLTDLQGTIVDFVSRAGPVRFPSPWKFPDRVACDLDMVALLEHYDHPGDPEFTQ  
 LSHAVLLELVIDRLLLLLQSCASYLENLSVEQMMPPARAAGPCMSVGLTVRRFWSNLLRLGLLYQQAVPQ  
 KRANQGEISITKPTAKGEPARSPECMTAKFIKPPSPVPLPLICQGLQSIPIVRSLSRSPGGTSEKTKSVY  
 SQTIVETALVPCDACTSVQGSLEWVGKVVISLQSQNLPSLGGQFQKLVKDSLGLKPLPAATVGHWAAEQS  
 KDLTRLNKHVGTALQLVGPLRAQLEDAEGQKDGRLRKQVSKLEQALQQEQQRQRQTEEAERTLAKCEHDR  
 HQLLTETCDLKTKVAVLEGLDKQQKSIQAMEAKAQLEEEGERAAAERQVQQLLEEQVQLLAGRLDGAS  
 QQIRWASTELDKKARVDSMVRHQESLQAKQRTLLQQLDCLDQEREELRGLSDEAEAQRSELEEQLQSLQ  
 SDRREQCQLQAQQELLQSLQQEKQDLEQVTTDLQLTISELRQQLEELKERERLLVAFPDHLHQPEEAQIQ  
 SSSNVTQDMERQVQANAIRIQVLQEENKRLQSMLTKIREVAQQGGLKMVPQGQLWSPPYKGIQGATPPAQ  
 AQSASFGLTGRRQSPGSRSTSSTGRTHPGLRTSPSRQPGGLPSKFSLDGGSASACTQNPIRALARLRK  
 LSPNRQAGSTYQPQERPT

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

**Restriction Sites:** SgfI-MluI

**Cloning Scheme:**



**ACCN:** NM\_001164620

**ORF Size:** 2154 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\\_001164620.1](#), [NP\\_001158092.1](#)

**RefSeq Size:** 5017 bp

**RefSeq ORF:** 2157 bp

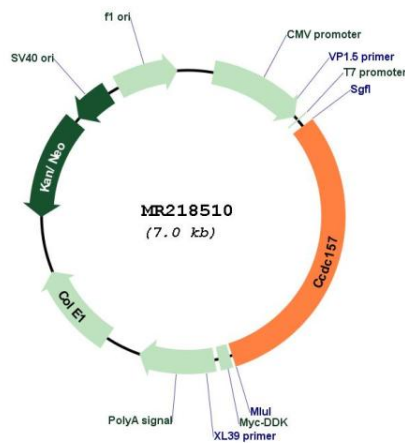
**Locus ID:** 216516

**UniProt ID:** [Q5SPX1](#)

**Cytogenetics:** 11 A1

**MW:** 80.2 kDa

**Product images:**



Circular map for MR218510