

Product datasheet for **MR221288**

Ccdc6 (NM_001111121) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Tag:	Myc-DDK
Symbol:	Ccdc6
Synonyms:	2810012H18Rik; AA536681; AA960498; AW061011
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



ORF Nucleotide Sequence: >MR221288 representing NM_001111121
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAACTACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCGCGATCGCC

ATGCGCGACAGCGGAGCGAGAGCGACACGACGCGGCGGGCGGCCCGGCAGCCATGCAGTCGTCCT
 GCTCGGCGACCTCGGGCGGACGCGCGGGGCGGCGCGGGAAGTCGGGGGCAATTGTCATCTCGCCGTT
 CCGCCTGGAGGAGCTCACCAACCGCTGGCCTCGCTGCAGCAGGAGAACAAGGTGCTCAAGATAGAGCTG
 GAGACCTACAACTCAAGTGAAGGCGCTGCAGGAGGAGAACCGCGACCTGCGCAAAGCCAGCGTGACCA
 TCCAAGCCAGGGCTGAGCAGGAAGAAGAATTCATCAGTAACACTTTATTCAAGAAAAATCCAGGCCTTGCA
 GAAGGAGAAAAGAAACCCTCGCCGTGAATTACGAGAAGGAAGAGGAGTTTCTACCAATGAGCTCTCCCGG
 AAAGTATGACGCTGCAGCATGAGAAGGCGGAGCTGGAACAACACCTGGAGCAGGAACAGGAGTTTCAGG
 TCAACAAGCTGATGAAGAAGATCAAAAAGCTGGAGAAGCAGACCATCTCCAAGCAACTCACCTTAGAGCA
 GCTGAGACGGGAGAAGATTGACCTGGAACACACTGGAGCAAGAGCAGGAGGCGCTGGTGAATCGGCTG
 TGGAAGAGGATGGATAAGCTGGAAGCTGAGAAGAGAATCCTACAGGAGAAATTAGACCAGCCTGTGTCTG
 CCCCACCATCGCCTAGAGACATCTCCATGGAGATCGATTCCCCCGAGAATATGATGAGGCATATCAGGTT
 TTTAAGAACAAGTGGAGCGACTGAAGAAGCAGCTACGAGCCGCCAGTTACAACACTCGGAGAAGATG
 GCCCAGTACTTGGAGGAGGAGCGGCACATGAGGAAGAGAAGCTGCGGCTACAGCGGAAGCTCCAGAGGG
 AGATGGAGAGGAGGAAGCGCTGTGTGCGCAGCTCTCGGAGAGCGAGTCCAGCCTGGAGATGGATGATGA
 GAGGTATTTAATGAGATGTCTGCACAAGGATTGAGACCTCGCACTGTGTCAGCCCAATCCCTTACACG
 CCTTCTCCAGCTCAAGCAGACCTATATCACCCGGTCTTTCGTATGCAAGTCACACGGTTGGCTTACAC
 CGCCAACGTCGTTGACTAGAGCTGGAATGTCCTACTACAACCTCCGGGCTCCACGTGCAGCACATGGG
 GGCCTCCACGGCATACAAGGCCATCGCCACGGAGAAGCAGCAGCCCTGACAAGTTTAAACGGCCACG
 CCGCCTCCGTCTCCCAACACAGAGCCCGGTCCAACCGCCTCCGCCGCCGCCACCACCTCCCATGCAGC
 CCGCGGTCCCTCGGCAGCCCCACGCAACCCGCCCCACGCAAGCTCAGCATCCGGTGCACCCCTCTC
 CCAGCCT

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >MR221288 representing NM_001111121
 Red=Cloning site Green=Tags(s)

MADSASESDTDAAGGPAAMQSSCSATSGSGGGGGKSGGIVISPFRLLEELTNRLASLQQENKVLKIEL
 ETYKCLKKALQEENRDLRKASVTIQARAEQEEEFISNTLFKKIQALQKEKETLAVNYEKEEFITNELSR
 KLMQLQHEKAELEQHELEQEFQVNMKMKIKKLENDTISKQLTLEQLRREKIDLENTLEQEQEALVNRL
 WKRMCKLEAEKRILQEKLDQPVSAAPPSPRDISMEIDSPENMMRHIRFLKNEVERLKKQLRAAQLQHSEKM
 AQYLEEERHMRLENLRLQRKLQREMERREALCRQLSESSLEMDDERYFNEMSAQGLRPRTVSSPIPYT
 PSPSSSRPISPLSYASHTVGFTPTSLTRAGMSYYNSPGLHVQHMGASHGITRPSRRSSSPDKFKRPT
 PPPSPNTQSPVQPPPPPPPMQPAVPSAAPTQPAPTQPQHPVHPSSQP

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Chromatograms: https://cdn.origene.com/chromatograms/mm9091_a08.zip

Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: NM_001111121

ORF Size: 1407 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.

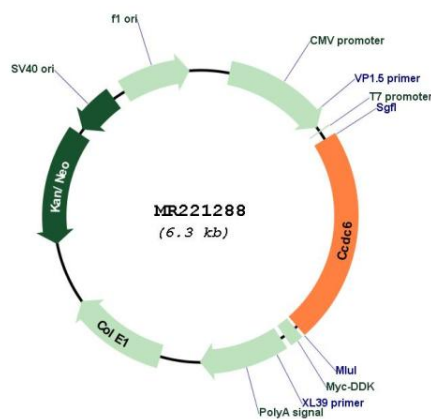
Note: Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.

RefSeq: [NM_001111121.1](#), [NP_001104591.1](#)

RefSeq Size: 5511 bp

RefSeq ORF:	1410 bp
Locus ID:	76551
UniProt ID:	<u>D3YZP9</u>
Cytogenetics:	10 B5.3
MW:	52.9 kDa

Product images:



Circular map for MR221288