

Product datasheet for **MG221288**

Ccdc6 (NM_001111121) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Ccdc6 (NM_001111121) Mouse Tagged ORF Clone
Tag:	TurboGFP
Symbol:	Ccdc6
Synonyms:	2810012H18Rik; AA536681; AA960498; AW061011
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)



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ORF Nucleotide Sequence:

>MG221288 representing NM_001111121
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTGCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGCGGACAGCGGAGCGAGAGCGACACGGACGCGGGCGGGCGGCCCGGAGCCATGCAGTCGTCCT
 GCTCGGGACCTCGGGCGCAGCGGGCGGGCGGGCGGGAAGTCGGGGGCGATTGTCACTCGCCGTT
 CCGCCTGGAGGAGCTACCAACCGCTGCCTCGCTGCAGCAGGAGAACAAGGTGCTCAAGATAGAGCTG
 GAGACCTACAACTCAAGTGCAAGGCGCTGCAGGAGGAGAACCAGCGACTGCGCAAAGCCAGCGTGACCA
 TCCAAGCCAGGGCTGAGCAGGAAGAAGAATTCATCAGTAACACTTTATTCAAGAAAATCCAGGCCTTGCA
 GAAGGAGAAGAAACCCCTCGCCGTGAATTACGAGAAGGAAGAGGAGTTTCTACCAATGAGCTCTCCCGG
 AAAGTATGCAGCTGCAGCATGAGAAGGCGGAGCTGGAACAACACCTGGAGCAGGAACAGGAGTTTCAGG
 TCAACAAGCTGATGAAGAAGATCAAAAAGCTGGAGAACGACACCATCTCCAAGCAACTCACCTTAGAGCA
 GCTGAGACGGGAGAAGATTGACCTGGAAAACACTGGAGCAAGAGCAGGAGGCGCTGGTGAATCGGCTG
 TGGAAGAGGATGGATAAGCTGGAAGCTGAGAAGAGAATCTACAGGAGAAATTAGACCAGCTGTGTCTG
 CCCCACCATCGCCTAGAGACATCTCCATGGAGATCGATCCCCCGAGAACATGATGAGGCATATCAGGTT
 TTTAAAGAACGAAGTGGAGCGACTGAAGAAGCAGCTACGAGCCGCCAGTTACAACACTCGGAGAAGATG
 GCCCAGTACTTGGAGGAGGAGCGGCACATGAGGGAAGAGAACCCTGCGGCTACAGCGGAAGCTCCAGAGGG
 AGATGGAGAGGAGGAAGCGCTGTGTGCCAGCTCTCGGAGAGCGAGTCCAGCCTGGAGATGGATGATGA
 GAGGTATTTAATGAGATGTCTGCACAAGGATTGAGACCTCGCACTGTGTCCAGCCCAATCCCTTACAGC
 CCTTCTCCAGCTCAAGCAGACCTATATCACCCGGTCTTTCGTATGCAAGTCACACGGTTGGCTTACAC
 CGCCAACGTCGTTGACTAGAGCTGGAATGTCCTACTACAACCTCCGGGCTCCAGTGCAGCACATGGG
 GGCTCCACGGCATCACAAAGCCATCGCCACGGAGAAGCAGCAGCCCTGACAAGTTTAAACGGCCACG
 CCGCCTCCGTCTCCAACACACAGAGCCCGGTCCAACCGCTCCGCCCGCCACCACCTCCCATGCAGC
 CCGCGTCCCCTCGGCAGCCCCACGCAACCCGCCCCACGCAGCCTCAGCATCCGGTGCACCCCTCCTC
 CCAGCCT

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA

Protein Sequence:

>MG221288 representing NM_001111121
 Red=Cloning site Green=Tags(s)

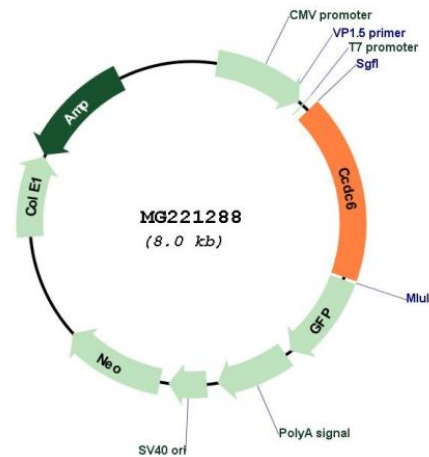
MADSASESDTAAGGPAAMQSSCSATSGGSGGGGGKSGGIVISPFRLLEELTNRLASLQENKVLKIEL
 ETYKPKKALQEENRDLRKASVTIQARAEQEEEFISNTLFKKIQALQKEKETLAVNYEKEEEFLTNELSR
 KLMQLQHEKAELEQHLEQEQEFQVNKLMKKIKKLENDTISKQLTLEQLRREKIDLENTLEQEQEALVNRL
 WKRMKDLEAEKRILQEKLDQPVSAAPPSPRDISMEIDSPENMMRHIRFLKNEVERLKKQLRAAQLQHSEKM
 AQYLEEERHMREENLRQKLRQEMERREALCRQLSESESSLEMDDERYFNEMSAQGLRPRTVSSPIPVT
 PPSPPSSRPI SPGLSYASHTVGF TPPTSLTRAGMSYYNSPGLHVQHMGASHGITRPSRRSSSPDKFKRPT
 PPPSPNTQSPVQPPPPPPPPMPPAVPSAAPTQPAPTQPQHPVHPSSQP

TRTRPLE - GFP Tag - V

Restriction Sites:

Sgfl-Mlul

Cloning Scheme:

Plasmid Map:


- 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.

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

RefSeq Size: 5511 bp

RefSeq ORF: 1410 bp

Locus ID: 76551

UniProt ID: [D3YZP9](#)

Cytogenetics: 10 B5.3