

Product datasheet for **MG217867**

Ccdc9 (NM_001136471) Mouse Tagged ORF Clone

Product data:

| | |
|---------------------------|---|
| Product Type: | Expression Plasmids |
| Product Name: | Ccdc9 (NM_001136471) Mouse Tagged ORF Clone |
| Tag: | TurboGFP |
| Symbol: | Ccdc9 |
| Synonyms: | 2600011L02Rik |
| Mammalian Cell Selection: | Neomycin |
| Vector: | pCMV6-AC-GFP (PS100010) |
| E. coli Selection: | Ampicillin (100 ug/mL) |



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ORF Nucleotide Sequence:

>MG217867 representing NM_001136471
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGATGGCTACCACTAGATTTGAAGTCAAAGGAGGAGAAGGATGCAGAATTGGACAAGAGGATCGAGG
 CTCTTCGTCGGAAGAATGAGGCCCTCATCCGGCGCTACCAGGAGATTGAGGAGGATCGGAAAAAGCTGA
 ACTGGAGGGCGTGGCAGTGACAGCCCCCGGAAGAGCCGCTCCATGGAGAAGGAGAATATGGCAGTGGAG
 GAGAAGAGCCTGGGTCCCTCTCGGAGGACTCCTGGGACTCCTCGACCCCCAGGGGCCAGCAGAGGGGGCC
 GGACCCATCCCCAGCAGGGAGGCCGGGCAGGCGTAGGCCGGGCATCCCAAGGCTGGGAGGATGGTGTGG
 GGAGCAGCTTCGAGGGGGTCTGGGGGCCGGGGCCGAGGGGCCGGGGCCGGGGATCCCCCTATCTCTTA
 GGGGCAGGAGACAACCTCTGATCGAAAGTCTAAGGAGTGGGAGGAGCGGCCGAGGCAGAATATCG
 AGAAGATGAATGAGGAGATGGAGAAGATTGCCGAATATGAGCGCAACCAGCGGGAAGGGGTGCTGGAGCC
 CAACCCAGTACGCAACTTCTGGATGATCCCCGACGTCGGGGTGGGCCCTCGAGGAGTCTGAGAGGGAT
 CGCCGGGAAGGCAGCCCGCCGATGGACGCAACTGGGGAGGCTCAGATTTTGAAGCGGGTGCCTCTGGCT
 TGGAACAGGAGGCACAGGGCCGACGGGCTGGCCTGGGCAGTGGGGGCACATGACGATGTCCATGACGGG
 CCGGGAGAGGTACAGTACCTGCGCTGGAAGCAGGAGAGGGAGAAGATCGACCAGGAACGCTGACAGCGA
 CACCGCAAGCCCACCGGCAGTGGCGCGGGAGTGGGATGCCGAGAAGACCGATGGCATGTTCAAGGATG
 GCCCAGCCCTACCATGAACTGTCCCACCGCTATGATGACCAAGCTTGGGAAGACCACCTAAGCCTCC
 CACTTTTGAGAGTTCCTTCTCAGCACAAAGTGAAGTCAAGCAGCCGAGAAGGAGAAAGAACAGCCGA
 CCTCAGGCCAAGTGGCCCTCGTGCCTATAGTGACCACGATAATCGCTGGGAGACAAGAGAGGAAGCTG
 TGTCTCGGCCCCGAGTCTCTCAGTCCATATCCCTGGAGGAGACACCCACAGGCTTCTGAGACCCG
 AGCTCCAGCTCATCGGCCTCCCGAGGAAGATGGTGAGGAAGATGTGGGGGAAGAGGAGGAGGAGAAGAA
 GAGGGGAAGATGAGGAGGATGAAGAGTGGGAGGACGTGAGTGAAGATGTTACTGAGGAGGAGGAGAAG
 AGGAAGAAGAGTTTGAAGAGGATGAAGAGGGTCTAAGGACCAGGAAGCAGCAACTGTTCTGATACCA
 GCCTGAAGCTGAGCCTGCTGGGAAGCCACCTGTGAGCAGGTGGACCCTGTGCCTGCCGGTCCCAGGAG
 TTGCTGTCCCAGTCCCTGTTGAACCTCCATCCCCTTCTCACCTCTGAGGACCACCAGCCTGTGTCTG
 ACTGGGGAGGTGACCAGCACCCCTTGCCTCCTGGAGAGCGGGCCAGCTTGGCAGGAACCCCGAAGTC
 TTCTGAAGAAGAGGGCCTGAGGCATCTCCAGGTGGGATGCATGAAGCTGGTGGAGAGTGGCCCCGAG
 GGCCAGGAGACGGCGGAGATCACAGACTCCAGAGGGTGGTTTTCTGCAAGGTGGTGGCGCTGCTCCG
 CGCCGGGGCTGCCCG

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA

Protein Sequence:

>MG217867 representing NM_001136471
 Red=Cloning site Green=Tags(s)

MMATTLDLKSKEEKDAELDKRIEALRRKNEALIRRYQEIIEEDRKKAELEGVAVTAPRKSRSMEKENMAVE
 EKSLGPSRRTPGTPRPPGASRGGRRHPQQGGRAGVGRASQGWEDGAGEQLRGGPGRGRRGRGRGSPHLL
 GAGDNSTSDRKSKEWEERRRQNIEMNEEMEKIAEYERNQREGVLEPNPVRNFLDDPRRRGGPLEESERD
 RREGSRRHGRNWGGSDFERVRSGLQERQRRAGLGGGDMTMSMTGRERSEYLRWKQEREKIDQERLQR
 HRKPTGQWRREWDAEKTDMFKDGPAPTHEL SHRYDDQAWARPPKPTFGEFLSQHKAEVSSRRRRKNSR
 PQAKVAPRAYSDHNRWETREEAVSSAPESSQSI SLEETPTQASETPAPAHRPPEEDGEEDVGEEDVGE
 EGEDEEEDVSEDVTEEEEEEEEFEEDEEGPKDQEAATVPDHPQEAEPAGKPTCEQVDPVPAGSQE
 LLSVPVPEPPIPFSPSEDHQPVDWGGDQPPLASLESGPSLAGTPKSSEEEGPEASPGGMHEAGGEVGP
 EQETAETDFQVRVRFCKVVAAPPPGAAR

TRTRPLE - GFP Tag - V

Restriction Sites:

SgfI-MluI

Cloning Scheme:


ACCN: NM_001136471

ORF Size: 1767 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_001136471.1](#), [NP_001129943.1](#)

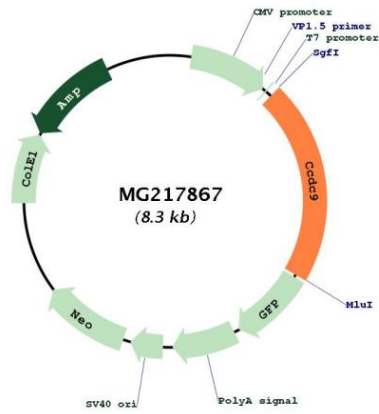
RefSeq Size: 2183 bp

RefSeq ORF: 1770 bp

Locus ID: 243846

Cytogenetics: 7 A2

Product images:



Circular map for MG217867