

Product datasheet for **MG208667**

Ccdc9 (NM_172297) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Ccdc9 (NM_172297) 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:

>MG208667 representing NM_172297
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGGCTACCACACTAGATTTGAAGTCAAAGGAGGAGAAGGATGCAGAATTGGACAAGAGGATCGAGGCTC
 TTCGTTCGGAAGAATGAGGCCCTCATCCGGCGCTACCAGGAGATTGAGGAGGATCGGAAAAAGCTGAAC
 GGAGGGCGTGGCAGTGACAGCCCCCGGAAGAGCCGCTCCATGGAGAAGGAGAATATGGCAGTGGAGGAG
 AAGAGCCTGGGTCCCTCTCGGAGGACTCCTGGGACTCCTCGACCCCCAGGGGCCAGCAGAGGGGGCCGGA
 CCCATCCCCAGCAGGGAGGCCGGGCAGGCGTAGGCCGGGCATCCCAAGGCTGGGAGGATGGTGTGGGGA
 GCAGCTTCGAGGGGGTCTGGGGGCCGGGGCCGGAGGGGCCGGGGCCGGGGATCCCCTCATCTTTAGGG
 GCAGGAGACAACCAACCTCTGATCGAAAGTCTAAGGAGTGGGAGGAGCGGCGCAGGCAGAATATCGAGA
 AGATGAATGAGGAGATGGAGAAGATTGCCGAATATGAGCGCAACCAGCGGAAGGGGTCTGGAGCCCAA
 CCCAGTACGCAACTTCTGGATGATCCCGACGTCGGGGTGGGCCCTCGAGGAGTCTGAGAGGGATCGC
 CGGAAGGCAGCCGCGGCATGGACGCAACTGGGAGGCTCAGATTTTGAGCGGGTGCCTCTGGCTTGG
 AACAGGAGCGACAGGGCCGACAGGCTGGCTGGGCACTGGGGCCGACATGACGATGTCCATGACGGGCCG
 GGAGAGGTGAGTACCTGCGCTGGAAGCAGGAGGGAGAAGATCGACCAGAACGCTCTGCAGCGACAC
 CGCAAGCCACCAGGCGAGTGGCGCGGGAGTGGGATGCCGAGAAGACCGATGGCATGTTCAAGGATGGCC
 CAGCCCCACCCATGAACTGTCCACCCTATGATGACCAAGCTTGGGCAAGACCACCTAAGCCTCCCAC
 TTTTGGAGAGTTCTTTCTCAGCACAAGCTGAAGTCAGCAGCCGAGAAGGAGAAGAAGACCCGACCT
 CAGGCAAGGTGGCCCTCGTGCCTATAGTGACCACGATAATCGCTGGGAGACAAGAGAGGAAGCTGTGT
 CCTCGGCCCGAGTCTCTCAGTCCATATCCCTGGAGGAGACACCCACACAGGCTTCTGAGACCCGAGC
 TCCAGTCTACCGCCTCCCGAGGAAGATGGTGAGGAAGATGTGGGGAAGAGGAGGAGGAGAAGAAGAG
 GGGGAAGATGAGGAGGATGAAGAGTGGGAGGACGTGAGTGAAGATGTTACTGAGGAGGAGGAGAAGAGG
 AAGAAGAGTTTGAAGAGGATGAAGAGGCTCCTAAGGACCAGGAAGCAGCAACTGTTCTGATCACCAGCC
 TGAAGCTGAGCCTGCTGGGAAGCCACCTGTGAGCAGGTGGACCTGTGCCTGCCGGTCCCAGGAGTTG
 CTGTCCCCAGTCCCTGTTGAACCTCCCATCCCCTTCTCACCTCTGAGGACCACCAGCCTGTGTCTGACT
 GGGGTGAGGAGATGGAAGTGAATCTCCCGGCACTGCCCACTTACCTGGTACCCACTCTTCGGGTGAGGC
 CTGGCCTTTTGCGAATGCT

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA

Protein Sequence:

>MG208667 representing NM_172297
 Red=Cloning site Green=Tags(s)

MATTLDLKSKEEKDAELDKRIEALRRKNEALIRRYQEIIEEDRKKAELEGVAVTAPRKSRSMEKENMAVEE
 KSLGSPRRTPGTPRPPGASRGGRTHPQQGGRAGVGRASQWEDGAGEQLRGGPGGRGRRGRGSPHLLG
 AGDNSTSDRKSKEWEERRRQNIIEKMNEEMEKIAEYERNQREGVLEPNPVRNFLDDPRRRGGPLEESERDR
 REGSRRHGRNWGSDFERVRSGLQERQRRAGLGSMDTMSMTGRERSEYLRWKQEREKIDQERLQRH
 RKPTGQWRREWDAEKTDMFKDGPAPTHELSHRYDDQAWARPPKPTTFGEFLSQHKAIEVSSRRRRKNSRP
 QAKVAPRAYSDHNRWETREEAVSSAPESSQSI SLEETPTQASETPAPAHRPPEEDGEEDVGEEDVEE
 GEDEEDEDVSEDVTEEEEEEEEFEEDEEGPKDQEAATVPDHQPEAEPAGKPTCEQVDPVPAGSQEL
 LSPVPEPPIPFSPSEDHQPVSVDWGEEMELNSPGTAHLPGTHSSGEAWPFANA

TRTRPLE - GFP Tag - V

Restriction Sites:

Sgfl-MluI

Cloning Scheme:


ACCN: NM_172297

ORF Size: 1632 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_172297.1](#), [NP_758501.2](#)

RefSeq Size: 2033 bp

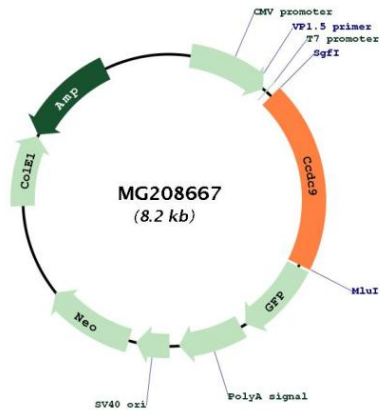
RefSeq ORF: 1635 bp

Locus ID: 243846

UniProt ID: [Q8VC31](#)

Cytogenetics: 7 A2

Product images:



Circular map for MG208667