

Product datasheet for **MR208667**

Ccdc9 (NM_172297) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Ccdc9 (NM_172297) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Ccdc9
Synonyms:	2600011L02Rik
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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ORF Nucleotide Sequence:

>MR208667 representing NM_172297
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGGCTACCACACTAGATTTGAAGTCAAAGGAGGAGAAGGATGCAGAATTGGACAAGAGGATCGAGGCTC
 TTCGTCCGAAGAATGAGGCCCTCATCCGGCGCTACCAGGAGATTGAGGAGGATCGGAAAAAGCTGAAC
 GGAGGGCGTGGCAGTGACAGCCCCCGAAGAGCCGCTCCATGGAGAAGGAGAATATGGCAGTGGAGGAG
 AAGAGCCTGGGTCCCTCTCGGAGGACTCCTGGGACTCCTCGACCCCCAGGGGCCAGCAGAGGGGGCCGGA
 CCCATCCCCAGCAGGGAGGCCGGGCAGGCGTAGGCCGGGCATCCCAAGGCTGGGAGGATGGTGTGGGGA
 GCAGCTTCGAGGGGGTCTGGGGCCGGGGCCGGAGGGGCCGGGGCCGGGGATCCCCTCATCTTTAGGG
 GCAGGAGACAACCAACCTCTGATCGAAAGTCTAAGGAGTGGGAGGAGCGGCGCAGGCAGAATATCGAGA
 AGATGAATGAGGAGATGGAGAAGATTGCCGAATATGAGCGCAACCAGCGGAAGGGGTCTGGAGCCCAA
 CCCAGTACGCAACTTCTGGATGATCCCGACGTCGGGGTGGGCCCTCGAGGAGTCTGAGAGGGATCGC
 CGGAAGGCAGCCGCGCGCATGGACGCAACTGGGAGGCTCAGATTTTGAGCGGGTGCCTCTGGCTTGG
 AACAGGAGCGACAGGGCCGACGGCTGGCTGGGCACTGGGGCCGACATGACGATGTCCATGACGGGCCG
 GGAGAGGTGAGATACCTGCGCTGGAAGCAGGAGGGAGAAGATCGACCAGAACGCTCTGCAGCGACAC
 CGCAAGCCACCGGGCAGTGGCGCGGGAGTGGGATGCCGAGAAGACCGATGGCATGTTCAAGGATGGCC
 CAGCCCCATCCCATGAACTGTCCACCGCTATGATGACCAAGCTTGGGCAAGACCACCTAAGCCTCCCAC
 TTTTGGAGAGTTCTTTCTCAGCACAAGCTGAAGTCAGCAGCCGAGAAGGAGAAGAAGACCCGACCT
 CAGGCCAAGGTGGCCCTCGTGCCTATAGTGACCACGATAATCGCTGGGAGACAAGAGAGGAAGCTGTGT
 CCTCGGCCCCGAGTCTCTCAGTCCATATCCCTGGAGGAGACACCCACACAGGCTTCTGAGACCCGAGC
 TCCAGCTCATCGGCCTCCCGAGGAAGATGGTGAGGAAGATGTGGGGGAAGAGGAGGAGGAGAAGAGAG
 GGGGAAGATGAGGAGGATGAAGAGTGGGAGGACGTGAGTGAAGATGTTACTGAGGAGGAGGAGAAGAGG
 AAGAAGAGTTTGAAGAGGATGAAGAGGGTCTAAGGACCAGGAAGCAGCAACTGTTCTGATCACCAGCC
 TGAAGCTGAGCCTGCTGGGAAGCCACCTGTGAGCAGGTGGACCTGTGCCTGCCGGTCCCAGGAGTTG
 CTGTCCCCAGTCCCTGTTGAACCTCCCATCCCCTTCTCACCTCTGAGGACCACCAGCCTGTGTCTGACT
 GGGGTGAGGAGATGGAAGTGAATCTCCCGGCACTGCCCACTTACCTGGTACCCACTCTTCGGGTGAGGC
 CTGGCCTTTTGCATGCT

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>MR208667 representing NM_172297
 Red=Cloning site Green=Tags(s)

MATTLDLKSKEEKDAELDKRIEALRRKNEALIRRYQEIIEEDRKKAELEGVAVTAPRKSRSMEKENMAVEE
 KSLGPSRRTPGTPRPPGASRGGRTHPQQGGRAGVGRASQWEDGAGEQLRGGPGRGRGRGRGSPHLLG
 AGDNSTSDRKSKEWEERRRQNIIEKMNEEMEKIAEYERNQREGVLEPNPVRNFLDDPRRRGGPLEESERDR
 REGSRRHGRNWGSDFERVRSGLQERQRRRAGLGSDDMTMSMTGRERSEYLRWKQEREKIDQERLQRH
 RKPTGQWRREWDAEKTDGMFKDGPAPTHEL SHRYDDQAWARPPKPTFGEFLSQHKAQEVSSRRRRKNSRP
 QAKVAPRAYSDHDNRWETREEAVSSAPESSQSI SLEETPTQASETPAPAHRPPEEDGEEDVGEEDVGEEDV
 GEDEEEDVSEDVTEEEEEEEEEFEEDDEEGPKDQEAATVPDHPQEAEPAGKPTCEQVDPVPAGSQEL
 LSPVPEPPIPFSPSEDHQPVS DWGEEMELNSPGTAHLPGTHSSGEAWPFANA

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites:

Sgfl-Mlul

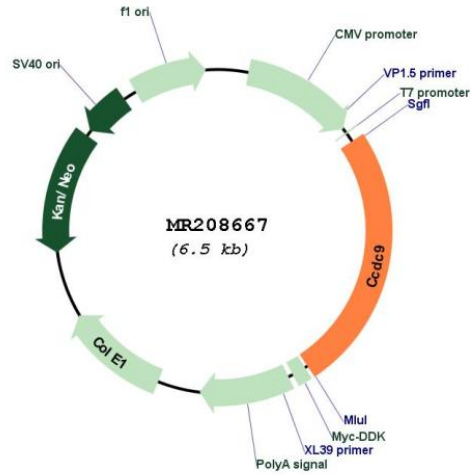
Cloning Scheme:

Cloning sites used for ORF Shutting:



* The last codon before the Stop codon of the ORF

Plasmid Map:



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:	<ol style="list-style-type: none">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
MW:	62 kDa