

## Product datasheet for **RN209978**

### Ccm2 (NM\_001126275) Rat Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Ccm2 (NM_001126275) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Ccm2
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>RN209978 representing NM_001126275 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGGAGGAGGAGGGCAAGAAGGGCAAGAAGCCTGGAATTGTGTCGCCGTTAAACGAGTATTCCTAAAAG  
GTGAAAAGAGTAGAGATAAGAAAGCCCATGAGAAGGTGACAGAGAGGCCCCCTCTACACACTGTGGTGCT  
GGCCTTGCCCTGAGCGAGTCGAGCCAGACAGACTGCTGAGCGACTATATTGAGAAGGAGGTGAAGTATTTA  
GGCAGTTAACATCCATTCTGGCTACCTGAACCCTCCAGTAGGACGGAAATCCTGCATTCATAGACA  
AGGCAAAGCGGTCCACCAACTCCCTGGCACCTGACTCAGGAGCATGATGCTGTGCTCAGTCTGTCCGC  
CTACAATGTCAAGCTGGCTGGAGGGATGGGGAGGACATTATCCTCAGGGTGCCCATCCACGACATCGCT  
GCTGTCTCCTATGTCGAGATGATGCTGCACACCTGGTGGTCTGAAGACAGCCAGGACCCAGGCATCT  
CTCCAGCCAAAGTCTGTGTGCGGAAGGTTCTAGAGGCCCTCAGCGCAGGCTCCTTGTGAGAAAGTGCAGT  
GGGGCCAGTAGAGGCTGTTGCCTGGTTCATCATGGCCACAGAGCAAGGTGCGCCGCTGAAGAACTGTGC  
TCCCTGCTCAGCCAGGCTTCCAGATCGTCTACACAGAGTCCACCATCGACTTTCTGGACCGAGCAATAT  
TCGACGGGGCCTCCACCCTACCCACCCTGTCAGTGCACAGCGATGACTCTTCCACGAAAGTGGACAT  
GAAGGACAGTTATGACGCCGACGCCAGCACCTTCTGCTTCCCGGACTCTGGGGATGTGGGGGCTTGCCG  
CCCTTGCCCTTCTGCATGCAGGCATCCCCCACAGCAAGACGGTACGCGAGAGTGAGCTGAGTACCAGCG  
CCACGGAGCTGCTGCAGGACTACATGCTCACGTTACGTACCAAGCTGTCATCACAGGAGATCCAGCAGTT  
TGCAGCCCTGCTGCATGAATACCGCAACGGGGCCTCCATCCATGAGTTCTGCATCAGCCTGCGGCAGCTC  
TATGGAGACAGCCGAAGTTCTGCTGCTTGGTCTGAGGCCCTTTATACCTGAGAAGGACAGTCACTGACT  
TTGAAAATTCTGGAGACCATTGGCGTAAAGACGGCCGTGGCATCATCACTGACAGCTTTGGCAGGCA  
TCGCCGTGCTCTGAGCACCACTCCACATCCACCACCAATGGGAACAGGACCACAGGCAGCCCTGATGAC  
CGCTCAGCGCCCTCAGAGGGGATGAGTGGGACCGCATGATCTCAGACATCAGCAGTGAATTGAAGCAC  
TAGGCTGCAGCATGGACCAGGACTCAGCGTGA

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA



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<b>Restriction Sites:</b>	Sgfl-Mlul
<b>ACCN:</b>	NM_001126275
<b>Insert Size:</b>	1362 bp
<b>OTI Disclaimer:</b>	Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<u><a href="#">NM_001126275.1</a>, <a href="#">NP_001119747.1</a></u>
<b>RefSeq Size:</b>	1807 bp
<b>RefSeq ORF:</b>	1362 bp
<b>Locus ID:</b>	305505
<b>Cytogenetics:</b>	14q21