

Product datasheet for **MC221911**

Mcc (NM_001085374) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Tag:	Tag Free
Symbol:	Mcc
Synonyms:	D18Ert451e; E330037C19
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



Fully Sequenced ORF: >MC221911 representing NM_001085374
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTGCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCGCGATCGCC

ATGAATTCTGGAGTTGCGGTGAAATATGGCAACGACTCCTCAGCCGAGCTGAGCGAGCTCCACTTGGCAG
 CCCTGGCATCACTCAAGGGAGACATTGTAGAGCTGAATAAGCGTCTGCAGCAGACAGAGCGGGAACGCGA
 CCTCCTGGAAGAAGTTGGCCAAAGCACAGTGTGAGCAGTCACACCTCATGAGAGAGCATGAAGACGTC
 CAGGAGCGCACGACTCCGCTATGAGGAGCGCATCACAGAAGTCCACAGTATCATTGCAGAAGTCAACA
 AGAAGATAGACCGCTGCAAGGTACCAACATCAGGAGGAAGATGAGTACTCAGAAGTTCGGTCAGAGCT
 CAGCCAGAGTCAACAAGAGGTTAATGAAGACTCCAGAAGTGTGGACCAAGACCAGACCTCTGTGTCCATC
 CCTGAGAACCAGTCTACTATGGTCACTGCTGATATGGATAACTGCAGTGACTTGAAGTCAAGAAGTGCAGA
 GGGTGTGACCGGTCTGGAGAGTGTGCTGTGCGGCAGGAAGAAGAGCAGCTGTAGCCTCTGTGTGCCGA
 CGTTGACAGGCACATAGAGCAGCTCACCACGGCCAGCAGCACTGCGACTTGGCCATTAAGACAGTTGAG
 GAGATCGAGGGCGTTCTAGGTGCGCATCTGTATCCCAACCTGGCTGAGGAGCGGTCCCGGTGGGAGAAAG
 AGCTGGCTGGACTGCGGGAAGAGAAGCAAGCCTGACGGCCATGCTATGCAGCAAGAGGAGGAGCTGAA
 CCGGACCAAGGCCACTATGAACGCCATCCGTGAGGAGCGGGACAGGCTTCGGAGGCGGGTCCGAGAGCTC
 CAACTCGGCTGCAGAGTGTGAGGCTACTGGACCTTCTAGCCAGGTGCGCTCACCCTGCCAATCGCC
 CAATCAACCCAGCAGCGGAGAGCTAAGCACCAGCAGTAGCAGCAATGACATCCCCATCGCTAAGATTGC
 TGAGAGAGTGAAGCTGTCAAAGACGAGATCTGAATCGTCATCATCTGATAGGCCAGTCTGGGCTCGGAA
 ATCAGTAGCATCGGGTTTCCAGCAGTGTGGCAGAACACCTGGCCCACTCACTCCAGGAGTCTCCAACA
 TCCAGGAAATTTCCAGACACTCTACTCACACGGATCTGCCATCTCTGAAAGCAAGATTAGAGAGTTTGA
 GGTGGAACCGGAACGATTGAATAGTCGTATTGAACACCTCAAATCCCAAAATGACCTTCTCACCATAACC
 CTGGAGGAATGTAAAGCAACGCCGAGAGGATGAGCATGCTGGTGGGGAAGTACGAATCCAACGCCACAG
 CCCTGAGGCTGGCCTTGACAGTACAGTGAAGCCTATGAAGCCTATGAAGTCTGCTGGCCTGGCTGA
 GAGCGAGCAGAGCTCATCTGGGCAATTCGAGCAGCTGGTGTGGGCTCCTCCCTGGAGACCAAGTCA
 GGGGATGAAAATATCACTCAGATGCTCAAGCGGGCTCATGACTGCCGGAAGACTGCTGAGAACGCCGCCA
 AAGCCCTGCTCATGAAGCTGGATGGCAGCTGCGGGGAGCCTTCGCGGTGGCTGGCTGCAGCGTGCAGCC
 CTGGGAGAGCCTGTCTCCAACAGCCATACCAGCAGCAGCAGCTCTACAGCCAGCAGCTGTGACACAGAG
 TTCCTAAGGAAGATGAGCAAGGTTGAAGGATTATATCCAGCAGCTCAAGAATGACAGAGCCGCCGTCA
 AGCTGACCATGCTGGAGCTGGAGAGCATCCACATCGATCCACTCAGCTATGATGTCAAGCCAAGAGGCGA
 CAGCCAGAGGCTGGACCTGGAAAATGCCGTGCTGATGCAGGAGCTGATGGCCATGAAGGAGGAGATGGCT
 GAGCTGAAGGCCAGCTCTATCTACTGGAGAAGGAGAAGAAAGCCCTGGAGCTGAAGCTGAGCAGAGGG
 AGGCGCAGGAGCAGGCTATCTGGTGCACATCGAGCATCTCAAGTCCGAGGTGGAGGAGCAGAAGGAGCA
 GAGGACGCGGTCTCTGAGCTCCACCAGCAGCAGCGGCAAGGAGAAGCCTGGCAAGGAGTGTGCCGATGCT
 GCCTCTCCAGCTTTGTCACTTGCCGAACTAAGGACGAACAGCGACAGTGAAGCTGGCCACCGAGTTGCGCA
 ATGCCATCCGACGGGAAAAGAAGCTGAAGGCCAGAGTCCAAGAAGTGGTCAAGTCTGGAAAGACTAAC
 CAAAAGCAGTGAATCAGACACCAGCAGTCAAGAGTGTGTTAATGACCTGAAACGGGCCAACAGCAAT
 CTGGTGGCTGCTTACGAGAAAGCAAAGAAGCATCAAAACAAGCTGAAGAAGCTGGAATCTCAGATGA
 TGGCCATGGTGGAGCGACACGAGACCAAGTGAAGTGTCTCAAGCAAGAATAGCCCTGCTGGAGGAAGA
 GAATTCAGGCCACACCAACGAACGTCACCTAA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Chromatograms: https://cdn.origene.com/chromatograms/ja3357_e10.zip

Restriction Sites: SgfI-MluI

ACCN: NM_001085374

Insert Size: 2487 bp

OTI Disclaimer:	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).
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.
Note:	Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.
RefSeq:	<u>NM_001085374.1</u> , <u>NP_001078843.1</u>
RefSeq Size:	7843 bp
RefSeq ORF:	2487 bp
Locus ID:	328949
Cytogenetics:	18 23.74 cM