

Product datasheet for **MC223163**

Mcc (NM_001085373) 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: >MC223163 representing NM_001085373
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGGCGGCTGCAAGCGCTGCAACAGCAGCGGTGGCAGCAGCGACAGTCCAGCACCGGCGAGGAGGAGC
GACTGCGGCGGCTCTTCCAGACGTGCGACGCGGCGATGGCTACATCAGCAGGAATGACTTGCTAAT
GGTCTGCAGACAGCTGAGCATGGAAGAGTCAGTGGCTGAGATCATGAACCAATTGGGCTCAGATGAAAAC
GGGAAGATTTCCTTCCAAGACTTCACAAGTGCCACACGCAGCTTGTTAGAGAAATTAGGAAGGAGGAAG
GAGACCTCTCCATGAAATCAGACATGTCCAGTACAAAGAGGCTGAGTGAGAGAATCACCTCCTGGCCAC
GAGCAGTGACAACAGTCTGGGTGCTTTGTGACGAGCCAGGGAGAGCTGGGAGGATGATTCTGGTGCCAGG
GATCTCCAGAGCCCGACTTGACAGGCCAGCGGCCCTCCAGAAGCTGCTGGAGTATGGCGGAAGCTCTT
TGCTCAGCAGGCTGTGCTCCACAAGCTTCTCACACACGCCCGAATTTTGGCACCTCTACAGCGGAAG
CTATCTAGAGCTGGCCAGCACCTCCACTTGGCAGCCTGGCATCACTCAAGGAGACATTGTAGAGCTG
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GAGGAAGATGAGTACTCAGAATTCGGTCAGAGCTCAGCCAGAGTCAACAAGAGGTTAATGAAGACTCCA
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GCGAGCACTGCGACTTGGCCATTAAGACAGTTGAGGAGATCGAGGCGTTCTAGGTCGCGATCTGTATCC
CAACCTGGCTGAGGAGCGGTCCCGTGGGAGAAAGAGCTGGCTGGACTGCGGGAAGAGAACGAAAGCCTG
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AGTAGCAGCAATGACATCCCATCGCTAAGATTGCTGAGAGAGTGAAGCTGTCAAAGACGAGATCTGAAT
CGTCATCATCTGATAGGCCAGTCTGGGCTCGGAAATCAGTAGCATCGGGGTTCCAGCAGTGTGCGAGA
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ACCTCAAATCCCAAAATGACCTTCTCACCATAACCCTGGAGGAATGTAAAAGCAACGCCGAGAGGATGAG
CATGCTGGTGGGAAGTACGAATCCAACGCCACAGCCCTGAGGCTGGCCTTGCAGTACAGTGAAGAGTGC
ATAGAAGCCTATGAACCTCTGCTGGCCCTGGCTGAGAGCGAGCAGGCCTATCCTGGGGCAATTCGAG
CAGCTGGTGTGGGCTCTCCCTGGAGACAGTCAGGGGATGAAAATATCACTCAGATGCTCAAGCGGGC
TCATGACTGCCGAAGACTGCTGAGAACGCCGCAAGCCCTGCTCATGAAGCTGGATGGCAGCTGCGGG
GGAGCCTTCGCCGTGGCTGGCTGCAGCGTGCAGCCCTGGGAGAGCCTGTCTCCAACAGCCATACCAGCA
CGACCAGCTCTACAGCCAGCAGCTGTGACACAGAGTTCACTAAGGAAGATGAGCAAAGGTTGAAGGATTA
TATCCAGCAGCTCAAGAATGACAGAGCCGCGTCAAGCTGACCATGCTGGAGCTGGAGAGCATCCACATC
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CATCTCAAGTCCGAGGTGGAGGAGCAGAAGGAGCAGAGGACGCGGTCTCTGAGCTCCACAGCAGCAGCG
GCAAGGAGAAGCCTGGCAAGGAGTGTGCCGATGCTGCCTCTCCAGCTTTGTCACTTGCCGAAGTAAAGGAC
GAACAGCGACAGTGAAGTGGCCACCGAGTTCGCAATGCCATCCGACGGGAAAAGAAGCTGAAGGCCAGA
GTCCAAGAAGTGGTCAGTGCCTTGGAAAGACTAACCAAAAGCAGTGAAATCAGACACCAGCAGTCAGCAG
AGTTTGTAAATGACCTGAAACGGGCCAACAGCAATCTGGTGGCTGCTTACGAGAAAGCAAAGAAGCA
TCAAAACAAGCTGAAGAAGCTGGAATCTCAGATGATGGCCATGGTGGAGCGACACGAGACCCAAGTGAGA
ATGCTCAAGCAAAGAATAGCCCTGCTGGAGGAAGAGAATTCAGGCCACACACCAACGAAACGCTCACTCT
AA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN:	NM_001085373
Insert Size:	3012 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_001085373.1</u> , <u>NP_001078842.1</u>
RefSeq Size:	7875 bp
RefSeq ORF:	3012 bp
Locus ID:	328949
Cytogenetics:	18 23.74 cM