

## Product datasheet for **MC222652**

### **Mcf2 (NM\_133197) Mouse Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Mcf2 (NM_133197) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Mcf2
Synonyms:	B230117G22Rik; Dbf; Mcf-2
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF:

>MC222652 representing NM\_133197  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCCCGCATCGCC

ATGGCAGAAGCAAATCCCCGAGAGGCAAGATGAGGTTTCAAGAAGATGCGGCCTCCTTCCCTGGGAGCT  
 TACACTTAGTCCCTGGTTTTGCGTCTACCAGTTTTCTTCAACGGACTTTCACGGACATTGGATTTGATT  
 TAGCCAGGAGGATTTTATGCTGAAATTACCAGTTGTTATGCTGAGCTCAGTTAGTGATTTGCTGACATAC  
 ATTGATGACAAGCAGTTAACCCCTGAGTTAGGCGGCACCTTGCAGTACTGCCACAGTGAATGGATCATCT  
 TCAGAAATGCCATAGAGAAGTTTCTGTGACAGTAAAAGAAATGGCTCAGATGTTGCAATCCTTTGGAAC  
 AGAATTGGCTGAAACAGAGCTACCACAGGATATCCTTTCAATAGAAGAGATTCTGGCAGGTCGAGCCGAA  
 AGGTATCACCTGTTGAAGAATGACTTAAGTCTGTAACCAAGAAGGAAAAGTTCTGCTCATGAACCTGC  
 AAGTGCCTGCCACTGAAGAACTGTGAGTTCAAGCCTTGAATGTACTCAGCACATAAATGGCGACTGGCA  
 AACTATTAAGAAAGTTGCTGGCTCAGGTGCATGATATGGAAGTCTTTTGTGGATTTTGGAAAAACAT  
 CAGCTGAAAAATGGAGCAGTATCTGCAACTGTGGAAGTTTGAACAAGACTTCAAGAGGCTGTGACTCAAG  
 TTGAATTTTTATTAAGTCAACAAAGAGAAGTGGGTGATATAACAGGGAAGTTAGCTCAAGTAAAAACAAAG  
 ACTTAAAAAACTAGAGATCTTAGATGATAAATCTCAGGAACTGTTAACCAAGGCCCGGATTGTGATACTA  
 CGTGGCCACAAGCTGGCATCGAATCACCCTATGCACTTGATTTAATTTGCCAGCGATGCAATGAACTAC  
 GCTACCTTTCTGATATTTAGTTAATGAGATCAGAACAAGCGGGTCCAAGTGGCAGGACTTTCAAAGT  
 GCATAGACTCTTACAGCAGGCACGTGAGTGTGATCAAGGGGAATGCCTCTGGCTAGCCAAGGAATG  
 GATAAGTTTACAGCTAAGAAGATGCTCAGAAAGCCCTCAGGATGTGGACAATTTCTTCAAATGGCCA  
 TGCTTTTCAATTAATGATATCGAAAGCCTGCAATATGAATTTGATGTACTCCTATCTCCTGAACTCAA  
 GGCTCAAATGCAGAAATACAACATAAGCTTGAAGTTCGAAATATTCGAAGTGCATTTTCAAGCAACAGGCTGGT  
 TGTAAGAGCCTAAAAGAAGTACCCGAGGGGGCGTTCAGAACTTGGTTCCTGCATCTGAAAAATGTGATGC  
 GGTCCAGAATGATATTCTTTTACCAGAAACATGTAAAAAGTCTTGGAGACAGATTACAGCTCAGAGCAA  
 TGTGAAAGTTGAAGCCGTTGAGGATAGCCAAGAGAAGAATTCTGATCAGTCTCCCAAATTTGGACAATAGC  
 TTGGATATTTTAAAGAACCATGTCCTAAATGAGCTGATACAGACAGAGAGCATATGTTTCGAGAGCTGT  
 TACTGTTTTGTTGGCTACAGATCTGAGATGGACAATCCACAGATGTTTGTCTTATGCCACCTCTCT  
 GAGAAATAAAAAGGATGTTCTCTTTGAAATATGGCAGAAATATACGAATCCATAACAACATTTTTCATG  
 AGCAGACTGGAAGATTGCTCTGATGCTCCAGAAAGAGTGGACCTTGCTTCTGAAAGGAAAGGATGATT  
 TTCAGATGTATGCCAAATATTGTGAGAATAAACCCAGGTCAGAGTTAATTTGGAGGAAGTATTCTGAATG  
 TGCTTTTTTCCAGGAATGTCAACGAAAATTGAAACATCGACTTGGTCTGGATTCTATTTGCTCAAACCT  
 GTTCAACGAATCACTAAGTATCAGTTGCTTTTAAAGGAGCTTTTAAAGTATAGCAAGAAGGTGAAGGAA  
 CTACTAAATTAAGGAGGCACCTGACTCAATGCTGGAGCTGCTGAAGTCAAGTGAATGACTCCATGCATCA  
 GACTGCCATCAATGGCTATGTTGGAAATATAAATGAGCTGGGCAAGATGGTCTTCAAGGTTCTTCAAT  
 GTTTGGCTAGGACACCGGAAAGGTGCTACAAAAATGAAGATTTTGCACGTTTCAAACCCATGCAGAGAC  
 ATCTTTTCTTATGAAAAAGCTGTTATGTTTTGTAAGAGGCGTTTCAATCTGGAGAAGGTGCTGATAG  
 ATACCCATCATAACAGTTTTAAGCACTGCCTAAAAATGGAAGATGTTGGCATCACAGAACATGTGAAAGGT  
 GATAACCGCAAAATTTGAAATACGGTATAGTGAGAAGGAAGAAATTTACATTGTTTCAGGCTCCAAATGTTG  
 ATGTGAAGATGTTATGGCTAAAAGAAATAGAAAAATTTTGGTGCAGCAGAAGGAACTTATGACTGCTAA  
 AACCCAGCAGGATCAGGCACTAGACCAGGACCAACTTTTCCCCAGCAGCAGAATGCCGAGCTATGCAAA  
 AGCTCACCTTTTTGTGTGTGTGAGGAACTCTTTTCAACGCCACAGAAGCAGGAGCAGAAGTGGAGCAAG  
 CTGGTGCCTGATAAAGGTGAGGAGGAGCTGTGCTAGCTCAAGCAGAGGCAAGTTCAGCAGCTTGAA  
 TGGGATGTTACCATCTGCAGAAGGCGTGTGCAATTGCTGAACATTCATACAATTTTCTCTCTAAC  
 AATGACCATGGAGAAGATAGGACACAAATGAGACACATGTGGAGGTGACATTCTAG

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:

Sgfl-MluI

<b>ACCN:</b>	NM_133197
<b>Insert Size:</b>	2787 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_133197.4</a></u> , <u><a href="#">NP_573460.2</a></u>
<b>RefSeq Size:</b>	3671 bp
<b>RefSeq ORF:</b>	2787 bp
<b>Locus ID:</b>	109904
<b>Cytogenetics:</b>	X 33.5 cM