

Product datasheet for **MC229197**

Mcf2 (NM_001289730) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Mcf2 (NM_001289730) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Mcf2
Synonyms:	B230117G22Rik; Dbj; Mcf-2
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >MC229197 representing NM_001289730
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGGCAGAAGCAAATCCCCGAGAGGCAAGATGAGGTTTCAAGAAGAAATGCGGCCTCCTTCCCTGGGAGCT
 TACACTTAGTCCCTGGTTTTGCGTCTACCAGTTTTCTTCAACGGACTTTCACGGACATTGGATTTGATT
 TAGCCAGGAGGATTTTATGCTGAAATTACCAGTTGTTATGCTGAGCTCAGTTAGTGATTTGCTGACATAC
 ATTGATGACAAGCAGTTAACCCCTGAGTTAGGCGGCACCTTGCAGTACTGCCACAGTGAATGGATCATCT
 TCAGAAATGCCATAGAGAAGTTTCTGTGACAGTAAAAGAAATGGCTCAGATGTTGCAATCCTTTGGAAC
 AGAATTGGCTGAAACAGAGCTACCACAGGATATCCTTTCAATAGAAGAGATTCTGGCAGGTCGAGCCGAA
 AGGTATCACCTGTTGAAGAATGACTTAAGTCTGTAACCAAGAAGGAAAAGTTCTGCTCATGAACCTGC
 AAGTGCCTGCCACTGAAGAACTGTCAAGTCAAGCCTTGAATGTACTCAGCACATAAATGGCGACTGGCA
 AACTATTAAGAAAGTTGCTGGCTCAGGTGCATGATATGGAAGTCTTTTGTGGATTTTGGGAAAAACAT
 CAGCTGAAAAATGGAGCAGTATCTGCAACTGTGGAAGTTTGAACAAGACTTCAAGAGGCTGTGACTCAAG
 TTGAATTTTTATTAAGTCAACAAAGAGAAGTGGGTGATATAACAGGGAAGTTAGCTCAAGTAAAAACAAAG
 ACTTAAAAAAGTACAGATCTTAGATGATAAATCTCAGGAAGTGTAAACCAAGGCCCGGATTGTGATACTA
 CGTGGCCACAAGCTGGCATCGAATCACCCTATGCACTTGATTTAATTTGCCAGCGATGCAATGAACCTAC
 GCTACCTTTCTGATATTTAGTTAATGAGATCAGAACAAGCGGGTCCAAGTGGCAGGACTTTCAAAGT
 GCATAGACTCTTACAGCAGGCACGTCAAGTGTGATCAAGGGGAATGCCTCCTGGCTAGCCAAGGAATG
 GATAAGTTTACAGCTAAGAAGATGCTCAGAAAGCCCTCAGGATGTGGACAATTTCTTCAAATGGCCA
 TGCTTTTCAATCAATTATGATATCGAAAGCCTGCAATATGAATTTGATGTACTCTATCTCCTGAACTCAA
 GGCTCAAATGCAGAATATAACAATAAGCTTGAATAATTCGAAGTGCATTTCAGAACAACAGGCTGGT
 TGTAAGAGCCTAAAAGAAGTACCCGAGGGGGCGTTCAGAACTTGGTTCCTGCATCTGAAAAATGTGATGC
 GGTCCAGAATGATATTCTTTTACCAGAAACATGTGGGAATTGGATATTCTTTCTTCAAGCATGTAGAAT
 TTTTTTAAAGTAAAAAGTCTTGGAGACAGATTCACGCTCAGAGCAATGTGAAAGTTGAAGCCGTTGAG
 GATAGCCAAGAGAAGAATTTCTGATCAGTCTCCCAAATGGACAATAGCTTGGATTTTTAAAGAACCATG
 TCCTAAATGAGCTGATACAGACAGAGAGCATATGTTTCGAGAGCTGTTACTGTTTTGTTGGGCTACAG
 ATCTGAGATGGACAATCCACAGATGTTTGTCTTATGCCACCTCCTGAGAAATAAAAAGGATGTTCTC
 TTTGAAATATGGCAGAAATATACGAATCCATAACAACATTTTCATGAGCAGACTGGAAGATTGCTCTG
 ATGCTCCAGAAAGAGTGGGACCTTGCTTCTGAAAGGAAGGATGATTTTCAGATGATGCCAAATATTG
 TCAGAATAAACCCAGGTGAGGTTAATTTGGAGGAAGTATTCTGAATGTGCCTTTTTCCAGGAATGTCAA
 CGAAAAATGAAACATCGACTTGGTCTGGATTCTATTTGCTCAAACCTGTTCAACGAATCACTAAGTATC
 AGTTGCTTTTAAAGGAGCTTTTAAAGTATAGCAAGAAGGTGAAGGAACTACTAAATTAAGGAGGCACT
 TGACTCAATGCTGGAGCTGCTGAAGTCAAGTGAATGACTCCATGCATCAGACTGCCATCAATGGCTATGTT
 GGAAATATAATGAGCTGGGCAAGATGGTCTTCAAGGTTCTTCAATGTTTGGCTAGGACACCGGAAAG
 GTGCTACAAAAATGAAGGATTTTGCACGTTTCAAACCCATGCAGAGACATCTTTTCTTATGAAAAAGC
 TGTTATGTTTTGTAAGAGGCGTTTGAATCTGGAGAAGGTGCTGATAGATACCCATCATAACAGTTTAAAG
 CACTGCCTAAAAATGGAAGATGTTGGCATCACAGAACATGTGAAAGGTGATAACCGCAAATTTGAAATAC
 GGTATAGTGAGAAGGAAGAAATTTACATTTGTTCCAGGCTCCAAATGTTGATGTGAAGATGTTATGGCTAAA
 AGAAATAAGAAAAATTTTGGTGCAGCAGAAGGAAGTATGACTGCTAAAACCCAGCAGGATCAGGCACTA
 GACCAGGACCAACTTTTCCCCAGCAGCAGAATGCCGAGCTATGCAAAAGCTCACCTTTTGTGTGTG
 AGGAACTCTTTTCAACGCCACAGAAGCAGGAGCAGAAGTGGAGCAAGCTGGTGCCTGATAAAGGTCAG
 GGAGGCAGCTGTGCTAGCTCAAGCAGAGGCAAGTTCAGCAGCTTGAATGGGATGTTACCATCTGCAGAA
 GCGCTGTGCAATTGCTGAACATTCATACAATTTTCTCCTTAACAATGACCATGGAGAAGATAGGA
 CACAAATGAGACACATGTCGGAGGTGACATT**TAG**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN:	NM_001289730
Insert Size:	2835 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).
OTI Annotation:	Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.
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:	<u>NM_001289730.1, NP_001276659.1</u>
RefSeq Size:	3719 bp
RefSeq ORF:	2835 bp
Locus ID:	109904
Cytogenetics:	X 33.5 cM