

Product datasheet for **MC223546**

Mcf2l (NM_001159486) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Mcf2l (NM_001159486) Mouse Untagged Clone
Tag: Tag Free
Symbol: Mcf2l
Synonyms: C130040G20Rik; Dbs; mKIAA0362; Ost
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >MC223546 representing NM_001159486
Red=Cloning site **Blue**=ORF **Orange**=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**GCGATCGCC**

ATGAGACCCACAGATGAAATCATGCACCAGGACATCGTCCCGCTCTGTGCCGCTGACATCCAGGAGCAGC
TGAAGAAGCGCTTTGCTTACCTGTCTGGTGGGCGGGACAGGACGGAAGCCAGTCATCACCTTCCCTGA
CTACCCAGCCTTCAGCGAGATCCCGGACAAGGAGTTCCAGAATGTCATGACCTATCTCACCAGCATCCCC
AGTTTGAAGATGCTGGCATTGGATTATCTTGGTCATAGACCGAAGGCAGGACAAATGGACCTCTGTGA
AGGCATCCGTCCTGCGGATAGCCGCATCTTTCCAGCCAACCTGCAGCTTGTCTTGTCTTCGCCCCAC
GGGCTTTTTCCAGAGGACTCTCTCGGACATTGCCTTCAAGTTCAACAGAGATGAGTTAAGATGAAAGTG
CCGGTCATGATGCTAAGCTCAGTGCCAGAACTACACGGCTACATTGATAAGTCGCAGCTGACCGAGGACC
TCGGGGGACCCCTGGACTACTGCCACTCCAGGTGGCTGTGCCACCGCACAGCAATTGAAAGCTTCGCCCT
GATGGTGAAGCAGACAGCCAGATGCTGCAGGCCCTTTGGGACCGAGCTGGCTGAAACAGAGCTGCCGAAT
GACGTCAGTCAACCAGCCTGGTGTCTCAGCGCACACAGAGAAGAAGGCCAAAGTGAAGGAAGATCTGC
AGTTAGCACTGAAGGAGGGGAACAGCATCTGGAGAGCCTCAGAGAGCCACTGGCTGAGAGCGCGGCCCA
CAGTGTGAACCAGGACCAGCTGGACAATCAGGCCACCGTGCAGAGGCTCCTGGCCAGCTGAATGAGACG
GAGGCTGCCTTTGACGAATTCTGGGCAAAGCATCAGCAGAAGCTGGAACAGTGCCTGCAGCTGCGGCATT
TTGAGCAAGGTTTCCGGGAGGTCAAACCACCTTGGATTCCATGTCCCAGAAGATAGCTGCTTTCACGGA
TGTTGGCAACAGCCTGGCCACGTGCAGCACCTTCTGAAGGACTTGACCGCCTTTGAGGAGAAGTCCAGT
GTGGCTGTGGACAAGGCCCGCCCTGTACTGGAAGGTCAGCAGCTGATTGAGAACAGGCACTACGCTG
TGGACTCCATCCACCCAAAGTGTGAAGAGCTCCAGCACCTCTGTGACCACTTCGCCTCTGAGGTACCAG
GAGGCGGGCCTGCTCAGCAAGTCTTGGAGCTGCATAGCCTCCTGGAGACGTCATGAAGTGGAGCGAC
GAGGGGATCTTCTGCTGCCTCGCAGCCTGTGGACAAAATGCCAGTCCCAGGATGGCGCAGAGGCGGCC
TCCAGGAGATTGAGAAGTTTCTGGAGACCGGTGCAGAAAATAAGATTGAGGAGCTCAATGAGATTTACAA
GGAATACGAATGCATCCTCAACCAGGACCTTCTGGAACACGTGCAAAAAGTCTTTCAGAAGCAAGAAAGC
ACGGAGGAGATGTTCCACCGCAGGCAAGCCAGCCTGAAGAAACTGGCAGCCAAGCAGACACGGCCTGTGC



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AGCCCGTGGCCCCCGACCAGAGGCGCTTACCAAGTCGCCCTCCCCCTCGCCAGGCTCCTGGCGAAGCTC
TGAGAAGCTCCAGCTCTGAGGGCAACGCACTCCGCAGAGGGCCCTACAGGAGAGCCAAAGAGCGAAATGAGT
GAACCCCGGCAGGGCCGCACCAGCTCCACAGGGGAAGAGGAAGAGAGCCTGGCCATCCTGCGCAGACACG
TGATGAATGAGCTTCTGGACACCGAGCGGGCTACGTGGAGGAGCTGCTCTGTGTCTTAGAGGGCTATGC
CGCAGAGATGGATAACCCCTTGATGGCACACCTCATCTCAACAGGCTGCAAAACAAGAAGAACATTCTG
TTTGGAAACATGGAGGAAATCTATCATTTTCAACAGAATATTCTGCGGGAGCTGGAGAGTGCATAG
ACTGCCAGAGCTGGTGGGGAGGTGCTTTCTGGAAGGATGGAGGAGTCCAGATCTATGAGAAGTACTG
TCAGAACAAGCCACGCTCTGAGAGCCTGTGGAGGCAAGTCTGACTGCCCTTCTCCAGGAGTGCAG
AAGAAGCTGGACCACAAGCTGAGCCTGGACTCCTACCTGCTGAAACCTGTGCAGAGGATAACCAAGTACC
AGCTGCTGCTCAAGGAAATGCTGAAGTACAGCAAGCACTGTGAAGGGGCAGAGGACCTGCAGGAGGCGCT
GAGCTCCATCCTGGGCATCCTCAAGGCTGTGAACGACTCCATGCATCTCATCGCCATCACTGGCTATGAT
GGAAACCTTGGCGACCTGGGGAAGCTGCTGATGCAAGGTTCTTCAGCGTGTGGACAGACCACAAGAAGG
GCCACACCAAAGTGAAGGAGCTAGCCAGGTTCAAGCCATGCAGCGGCACCTGTTTCTGCACGAGAAGGC
CGTCTCTTCTGCAAGAAGAGGGAGGAGAATGGGGAGGGATACGAGAAGGCTCCTTCTACAGCTACAAG
CAGTCCTTGAATATGACGGCTGTGGCATCACAGAGAAGTGAAGGTTGACACCAAGAAGTTCGAGATCT
GGTACAACGCAAGGGAGGAGGTTTATATCATTCAGGCGCAACCCCGAGATTAAGCAGCGTGGGTGAA
TGAGATTGCGAAGGTGCTGACCAGCCAGCTGCAGGCTTGCCTGGGAGGCCAGCCAGCACCCAGCCCTGGAG
CAGTCCCACAGCCTTCTTTGCCACGCCATCCAGCACCAGTCCCACAAAAGGGAACACAAGAAATGTCA
AGAAGCTCGAAGACCGGAAGACGGACCCGCTCAGCCTGGAAGGCTACGTGAGCTCATCGTTACCAAAGCC
CCCTGAGAAGGGCAAAGGCTGGAGCAAAACATCCCCTCCTGGAGGCCCTGAGGAGGACGGAGGCTGG
TCCAGTGTGAGGAACTCACTCATCTGATGCTGAGGAAGACGGTGGAGTGGGCCCTAAGAAGCTGG
TGCCGGGTAATACACAGTGGTGGTGGTGGTGGTGGTGGTGGTGGTGGTGGTGGTGGTGGTGGTGGTGGT
AGATATGGTGGAGTGGTGGTGGTGGTGGTGGTGGTGGTGGTGGTGGTGGTGGTGGTGGTGGTGGTGGT
GAGGGATGGGTGCCAGCCAGCAGCTATCCACCCTCCTGGGCAAAATCCAGTTCAGCCAGTGTCTGAGCA
GCTCAGGTGTGCAGAGCAAAGGGCCAGAGCCGAAGCCTGTCTCCACTGGTTTCCCGCAGACTCCAGCCCA
GGGTCAGCCGTGCTGA
    
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ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA
    
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- Restriction Sites:** SgfI-MluI
- ACCN:** NM_001159486
- Insert Size:** 3306 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.
- RefSeq:** [NM_001159486.1](#), [NP_001152958.1](#)

RefSeq Size: 5112 bp
RefSeq ORF: 3306 bp
Locus ID: 17207
Cytogenetics: 8 A1.1