

Product datasheet for **MC223547**

Mcf2l (NM_001159485) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Mcf2l (NM_001159485) 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: >MC223547 representing NM_001159485
Red=Cloning site **Blue**=ORF **Orange**=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**GCGATCGCC**

ATGAGACCCACAGATGAAATCATGCACCAGGACATCGTCCCGCTCTGTGCCGCTGACATCCAGGAGCAGC
TGAAGAAGCGCTTTGCTTACCTGTCTGGTGGGCGGGACAGGACGGAAGCCAGTCATCACCTTCCCTGA
CTACCCAGCCTTCAGCGAGATCCCGGACAAGGAGTTCCAGAATGTCATGACCTATCTCACCAGCATCCCC
AGTTTGAAGATGCTGGCATTGGATTATCTTGGTCATAGACCGAAGGCAGGACAAATGGACCTCTGTGA
AGGCATCCGTCCTGCGGATAGCCGCATCTTTCCAGCCAACCTGCAGCTTGTCTTGTCTCGGCCAC
GGGCTTTTTCCAGAGGACTCTCTCGGACATTGCCTTCAAGTTCAACAGAGATGAGTTAAGATGAAAGTG
CCGGTCATGATGCTAAGCTCAGTGCCAGAACTACACGGCTACATTGATAAGTCGCAGCTGACCGAGGACC
TCGGGGGACCCCTGGACTACTGCCACTCCAGGTGGCTGTGCCACCGCACAGCAATTGAAAGCTTCGCCCT
GATGGTGAAGCAGACAGCCAGATGCTGCAGGCCCTTTGGGACCGAGCTGGCTGAAACAGAGCTGCCGAAT
GACGTCAGTCAACCAGCCTGGTGTCTCAGCGCACACAGAGAAGAAGGCCAAAGTGAAGGAAGATCTGC
AGTTAGCACTGAAGGAGGGGAACAGCATCTGGAGAGCCTCAGAGAGCCACTGGCTGAGAGCGCGGCCCA
CAGTGTGAACCAGGACCAGCTGGACAATCAGGCCACCGTCAGAGGCTCCTGGCCAGCTGAATGAGACG
GAGGCTGCCTTTGACGAATTCTGGGCAAAGCATCAGCAGAAGCTGGAACAGTGCCTGCAGCTGCGGCATT
TTGAGCAAGGTTTCCGGGAGGTCAAACCACCTTGGATTCCATGTCCCAGAAGATAGCTGCTTTCACGGA
TGTTGGCAACAGCCTGGCCACGTGCAGCACCTTCTGAAGGACTTGACCGCCTTTGAGGAGAAGTCCAGT
GTGGCTGTGGACAAGGCCCGCCCTGTACTGGAAGGTCAGCAGCTGATTGAGAACAGGCACTACGCTG
TGGACTCCATCCACCCAAAGTGTGAAGAGCTCCAGCACCTCTGTGACCACTTCGCCTCTGAGGTACCAG
GAGGCGGGCCTGCTCAGCAAGTCTTGGAGCTGCATAGCCTCCTGGAGAGCTCCATGAAGTGGAGCGAC
GAGGGGATCTTCTGCTGCCTCGCAGCCTGTGGACAAAATGCCAGTCCCAGGATGGCGCAGAGGCGGCC
TCCAGGAGATTGAGAAGTTTCTGGAGACCGGTGCAGAAAATAAGATTGAGGAGCTCAATGAGATTTACAA
GGAATACGAATGCATCCTCAACCAGGACCTTCTGGAACACGTGCAAAAAGTCTTTCAGAAGCAAGAAAGC
ACGGAGGAGATGTTCCACCGCAGGCAAGCCAGCCTGAAGAAACTGGCAGCCAAGCAGACACGGCCTGTGC



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AGCCCGTGGCCCCCGACCAGAGGCGCTTACCAAGTCGCCCTCCCCCTCGCCAGGCTCCTGGCGAAGCTC
 TGAGAAGCTCCAGCTCTGAGGGCAACGCACTCCGCAGAGGGCCCTACAGGAGAGCCAAAGAGCGAAATGAGT
 GAACCCCGGCAGGGCCGCACCAGCTCCACAGGGGAAGAGGAAGAGAGCCTGGCCATCCTGCGCAGACACG
 TGATGAATGAGCTTCTGGACACCGAGCGGGCTACGTGGAGGAGCTGCTCTGTGTCTTAGAGGGCTATGC
 CGCAGAGATGGATAACCCCTTGATGGCACACCTCATCTCAACAGGCTGCAAAACAAGAAGAACATTCTG
 TTTGAAACATGGAGGAAATCTATCATTTTCAACAGAATATTCTGCGGGAGCTGGAGAGTGCATAG
 ACTGCCAGAGCTGGTGGGGAGGTGCTTTCTGAAAGGATGGAGGAGTCCAGATCTATGAGAAGTACTG
 TCAGAACAAGCCACGCTCTGAGAGCCTGTGGAGGCAAGTCTGACTGCCCTTCTCCAGGAGTGCAG
 AAGAAGCTGGACCACAAGCTGAGCCTGGACTCCTACCTGCTGAAACCTGTGCAGAGGATAACCAAGTACC
 AGCTGCTGCTCAAGGAAATGCTGAAGTACAGCAAGCACTGTGAAGGGGCAGAGGACCTGCAGGAGCGCT
 GAGCTCCATCCTGGGCATCCTCAAGGCTGTGAACGACTCCATGCATCTCATCGCCATCACTGGCTATGAT
 GGAAACCTTGGCGACCTGGGGAAGCTGCTGATGCAAGGTTCTTCAGCGTGTGGACAGACCACAAGAAGG
 GCCACACCAAAGTGAAGGAGCTAGCCAGGTTCAAGCCATGCAGCGGCACCTGTTTCTGCACGAGAAGGC
 CGTCTCTTCTGCAAGAAGAGGGAGGAGAATGGGGAGGGATACGAGAAGGCTCCTTCTACAGCTACAAG
 CAGTCCTTGAATATGACGGCTGTGGCATCACAGAGAAGTGAAGGTTGACACCAAGAAGTTCGAGATCT
 GGTACAACGCAAGGGAGGAGTTTATATCATTCAGGCGCAACCCCGAGATTAAGCAGCGTGGGTGAA
 TGAGATTCGGAAGGTGCTGACCAGCCAGCTGCAGGCTTGCCTGGGAGGCCAGCCAGCACCCAGCCCTGGAG
 CAGTCCCACAGCCTTCTTTGCCACGCCATCCAGCACCAGTCCCACAAAAGGGAACACAAGAAATGTCA
 AGAAGCTCGAAGACCGGAAGACGGACCCGCTCAGCCTGGAAGGCTACGTGAGCTCATCGTTACCAAAGCC
 CCCTGAGAAGGGCAAAGGCTGGAGCAAAACATCCCCTCCTGGAGGCCCTGAGGAGGACGGAGGCTGG
 TCCAGTGTGAGGAACTCACTCATCTGATGCTGAGGAAGACGGTGGAGTGGGCCCTAAGAAGCTGG
 TGCCGGGTAATACACAGTGGTGGTGGATGATGAGAAAGGGGGCCCTGACACCTTGCCATGAGGAGTGG
 AGATATGGTGGAGTGGTGGGAAGAAGCGCTGAGGGCTCTGGTATGTTTCGGGACCTGACCAGCAAG
 GAGGGATGGGTGCCAGCCAGCAGCTATCCACCCTCCTGGGCAAAATCCAGTTCAGCCAGTGTCTGAGCA
 GCTCAGGTAAGATCCACTGTGCGCGCCAGCTGTGCCCTGAGCCTGCCGAGATCCTCAGCCAGAGCCCGT
 TTA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM_001159485
- Insert Size:** 3294 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_001159485.1](#), [NP_001152957.1](#)

RefSeq Size: 5198 bp
RefSeq ORF: 3294 bp
Locus ID: 17207
Cytogenetics: 8 A1.1