

Product datasheet for RN208691

Mcf2l (NM_053951) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Mcf2l (NM_053951) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Mcf2l
Synonyms:	mcf 2l; Ost
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>RN208691 representing NM_053951 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGAGGTTTTGGCTGAGAAATGAAGAGATGGCCCTAGAAGAAATGGTGCAGAGATTAACCGGTTTCCA
AGAACACTGATGAAATCATGCACCAGGACATCGTCCCCTCTGTGCCGCTGACATCCAGGAGCAGCTGAA
GAAGCGCTTTGCTTACCTGTCTGGTGGGCGGGACAGGACGGAAGCCAGTCATCACCTTCCAGACTAC
CCAGCCTTCAGCGAGATCCCGGACAAGGAGTTCCAGAATGTCATGACCTATCTCACCAGCATCCCCAGTT
TGCAAGATGCTGGCATCGGGTTCATCTTGGTCATAGACCGAAGACAGGACAAATGGACTTCTGTGAAGGC
GTCAGTCTCGCAATAGCCGCATCATTCCAGCCAACCTGCAGCTCGTCTCGTTCTCCGACCCACGGGC
TTCTTCCAGAGGACTCTCTCGGACATAGCCTTCAAGTTCAACAGAGATGAGTTTAAAGTAAAGTACCGG
TCATGATGCTAAGCTCAGTGCCAGAACTACATGGCTACATTGACAAGTCACAGCTGACCGAGGACCTTGG
GGGACCCTGGACTACTGCCACTCCAGGTGGCTGTGCCACCGCACAGCGATTGAAAGCTTCGCCCTGATG
GTGAAGCAGACAGCCAGATGCTGCAGGCCTTTGGGACCGAGCTGGCCGAGACTGAGTGCCCAACGACG
TCCAGTCAACCAGCCTGGTGCTCAGCGCACACACAGAGAAGAAGGCTAAAGTGAAGGAGGATCTGCAGT
GGCGTACCGGAGGGGAACAGCATCCTTGAGGCCTCAGGGAGCCGCTGGCTGAGAGCATAGTCCACAGT
GTGAACCAGGACCAGCTGGACAATCAGGCCACTGTGAAGAGGCTCCTGACCCAGCTGAATGAGACCGAGG
CTGCCCTTGACGAGTTCTGGGCAAAGCATCAGCAGAAGCTGGAACAGTGCCTACAGCTGCGACATTTTGA
ACAAGGTTTCCGGGAGGTCAAACCGCCTTGGATTCCAATGTCAGGAGATAGCCGCTTACAGATGTT
GGCAACAGCCTGGCCATGTGCAGCACCTCCTGAAGGACTTGACCACCTTTGAGGAGAAGTCCAGCGTGG
CCGTGGACAAGGCCAGAGCCCTGTCCCTGGAGGGGACAGCTGATTGAGAACCGGCACTATGCTGTAGA
CTCTATCCATCCGAAGTGTGAGGAACTCCAGCACCTCTGTGACCCTTCGCTCTGAGGTACCAGGAGG
CGGGACCTTCTCAGCAAGTCCTTGGAGCTGCATAGCCTCCTGGAGACGTCCATGAAGTGGAGCGACGAGG
GCATCTTCTGCTGGCCTCTCAGCCTGTGGACAAATGCCAATCTCAGGATGGTGGGAGGAGCCCTGCA
GGAGATCGAGAAGTTTCTGGAGACCGGTGCAGAAAACAAGATTACAGGAGCTCAATAAGATTTACAAGGAA
TATGAATGCATCCTCAACCAGGACCTTCTGGAACACGTGCAAAAAGTCTTTCAGAAGCAAGAGAGACCCG



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AGGAGATGTTCCACCGCAGGCAGGCTAGCCTGAAGAACTGGCAGCCAAGCAGACACGGCCTGTGCAGCC
 CGTGGCCCCCGACCAGAGGCGCTAACCAAGTCCCCCTCCCCCTCGCCAGGCTCCTGGCGAAGCTCTGAG
 AACTCCAGCTCTGAGGGCAACGCCCTCCGAGAGGGCCCTACAGGAGAGCCAAGAGCGAAATGAGTGAGC
 CCCGGCAGGGCCGACCAGCTCCACAGGAGAAGAGGAGGAGGCCTGGCCATCCTGCGCAGACACGTGAT
 GAATGAACTTCTGGACACGGAGCGGGCTACGTGGAGGAGCTGCTCTGTGTCTTAGAGGGCTATGCTGCA
 GAGATGGACAACCCCTTGATGGCACACCTCATCTCAACAGGCCTGCAAAACAAGAAGAATTCTGTTTG
 GAAACATGGAGGAAATCTACACTTCCACAACAGAATATTCTCGGGGAGCTGGAGAGCTGCATCGACTG
 CCCAGAGCTGGTGGGAGATGCTTCTGGAGAGGATGGAGGAGTCCAGATCTATGAGAAGTACTGTGAG
 AACAAAGCCACGCTCCGAGAGCCTGTGGAGACAGTCTGACTGTCCCTTCTCCAGGAGTGCCAGAAGA
 AGCTGGACCACAAGCTGAGCCTCGACTCTACCTGCTGAAGCCTGTGCAGAGGATAACCAAGTACCAGCT
 GCTGCTCAAGGAAATGCTGAAGTACAGCAAGCACTGTGAAGGGCCGAGGACCTGCAAGAGGCACTGAGC
 TCCATCCTGGGCATCCTCAAGGCAGTGAACGACTCCATGCACCTCATAGCCACTACTGGCTATGATGGAA
 ACCTTGGGACCTGGGGAAGCTGCTGATGCAAGGCTCCTTCAGCGTGTGGACGGACCACAAGAAGGGCCA
 CACCAAGGTGAAGGAGCTAGCCAGGTTCAAGCCATGCAGCGGCACCTTCTCCTTACAGAGAAGGCCGTC
 CTCTTCTGCAAGAAGAGGGAGGAGAATGGGGAGGGGTACGAGAAGGCTCCTTCTACAGTACAAGCAGT
 CCTTGAATATGACTGCTGTTGGCATCACAGAGAATGTGAAGGGTGACACCAAGAAGTTCGAGATCTGGTA
 CAACGCAAGGGAGGAGGTTTACATCATTAGGCACCAACTCCCGAGATTAAGCAGCGTGGGTGAATGAG
 ATTCGGAAGGTGCTGACCAGCCAAGTGCAGGCCTGCCGGGAAGCCAGCCAGCACCAGCCCTGGAGCAGT
 CCCACAGCCTTCCCTTGGCCACGCCAGCCAGCACCAGTCCCACAAAAGGGAGCACAAGAAATGTCAAGAA
 GCTCGAAGATCGGAAGACGGACCCGCTCTGCCTGGAAGGCTGCGTGAGCTCATATTACCAAAGCCCCC
 GAGAAGGGCAAAGACGATGCGGTCCCTAGTTCTACCTCTGAAAGCTCTGCGCTTTCAGAAAAGCGTTCA
 CGCTGCAGGGCTTGGCTAACCTCAAAGCCTCTCCGACCAGTCTGACAAAAAGCTAAGCGGCATGAAGT
 AAAGAGCGACCCGACTCCCTTTGGTTTGGGAGGCTGGAGCAAAACATCCCCTACTGGAGCCCTGAG
 GAGGACGGAGGCTGGTCCAGTCTGAGGAGCTCATCAATTCATCCGATGCTGAGGAAGACGGAGGAGTGG
 GCCCTAGGAAGCTGGTTCAGGTAAATACACAGTCTGATGGATGGTGAAGAAAGGGGCTCTGACACCT
 TGCCATGAGGAGTGGAGATATGGTGGAGGTTGTGGAAGAAGGAACTGAGGGCCTCTGGTATGTTCCGGAC
 CTGACCAGCAGCAAGGAGGGATGGGTGCCAGCCAGCAGCCTAGCCACCCTCCTGGGCAAATCCAGCTCAG
 CCCAGTGTCTGAGCAGCTCAGGTAAAGCCCACTGTGCGCGCCAGCTGTGCCCTGAGCCTGCCAAGATCCT
 CAGCCCAGAGCCTGTTTAA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM_053951
- Insert Size:** 3519 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_053951.2](#), [NP_446403.2](#)

RefSeq Size: 4531 bp

RefSeq ORF: 3519 bp

Locus ID: 117020

Cytogenetics: 16q12.5

Gene Summary: oncogene that can activate small GTP-binding proteins [RGD, Feb 2006]