

Product datasheet for MR218557

Mcf2l (NM_001159486) Mouse Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: Mcf2l (NM_001159486) Mouse Tagged ORF Clone
Tag: Myc-DDK
Symbol: Mcf2l
Synonyms: C130040G20Rik; Dbs; mKIAA0362; Ost
Mammalian Cell Selection: Neomycin
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
ORF Nucleotide Sequence: >MR218557 representing NM_001159486
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGAGACCCACAGATGAAATCATGCACCAGGACATCGTCCCGCTCTGTGCCGCTGACATCCAGGAGCAGC
 TGAAGAAGCGCTTTGCTTACCTGTCTGGTGGGCGGGACAGGACGGAAGCCAGTCATCACCTTCCCTGA
 CTACCCAGCCTTCAGCGAGATCCCGGACAAGGAGTTCCAGAATGTCATGACCTATCTCACCAGCATCCCC
 AGTTTGAAGATGCTGGCATTGGATTCACTTGGTTCATAGACCGAAGGCAGGACAAATGGACCTCTGTGA
 AGGCATCCGTCCTGCGGATAGCCGCATCTTCCAGCCAACTGCAGCTTGTCTTGTCTTCGGCCAC
 GGGCTTTTTCCAGAGGACTCTCTCGGACATTGCCTTCAAGTTCAACAGAGATGAGTTAAGATGAAAGTG
 CCGGTCATGATGCTAAGCTCAGTGCCAGAACTACACGGCTACATTGATAAGTCGCAGCTGACCGAGGACC
 TCGGGGGGACCCTGGACTACTGCCACTCCAGGTGGCTGTGCCACCGCACAGCAATTGAAAGCTTCGCCCT
 GATGGTGAAGCAGACAGCCAGATGCTGCAGGCCCTTTGGGACCGAGCTGGCTGAAACAGAGCTGCCGAAT
 GACGTCCAGTCAACCAGCCTGGTGTCTCAGCGCACACAGAGAAGAAGGCCAAAGTGAAGGAAGATCTGC
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 CAGTGTGAACCAGGACCAGCTGGACAATCAGGCCACCGTGCAGAGGCTCCTGGCCAGCTGAATGAGAGC
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ACGGAGGAGATGTTCCACCGCAGGCAAGCCAGCCTGAAGAACTGGCAGCCAAGCAGACACGGCCTGTGC
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 CGCAGAGATGGATAACCCCTTGATGGCACACCTCATCTCAACAGGCCTGCAAAACAAGAAGAATCTCTG
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 GCTCAGGTGTGCAGAGCAAAAGGGCCAGAGCCGAAGCCTGTCTCCACTGGTTTCCCGCAGACTCCAGCCCA
 GGGTCAGCCGTGC

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>MR218557 representing NM_001159486
 Red=Cloning site Green=Tags(s)

MRPTDEIMHQDIVPLCAADIQEQLKRFAYLSGGRQDGSPIVITFPDYPAFSEIPDKEFQNVMTYLTSSIP
 SLQDAGIGFILVIDRRQDKWTSVKASVLRIAASFANLQLVLRPTGFFQRTLSDIAFKFNRDEFKMKV
 PVMMLSSVPELHGVIDKSQLTEDLGGTLDYCHSRWLCHRTAIESFALMVQTAQMLQAFGTLEAETLPN
 DVQSTSLVLSAHTKAKVKEDLQLALKEGNSILESLREPLAESAAHSVNQDQLDNQATVQRLLAQLNET
 EAAFDEFWAKHQKLEQLQLRHFEQGFREVKTLLDSMSQKIAAFTDVGNLAHVQHLLKDLTAFEKSS
 VAVDKARALSLEGQQLIENRHYAVDSIHPKCEELQHLCDHFASEVTRRRGLLSKLELHSLLETSMKWS
 EGIFLLASQPVDKQSQDGAEEALQEIEKFLETGAENKIQELNEIYKEYECILNQDLLEHVQKVFQKQES
 TEEMFHRRAASLKLAAKQTRPVQVAPRPEALTKSPSPSPGWSRSENSSSEGNALRRGPYRAKSEMS
 EPRQGRSSTGEEESLAILRRHVMNELLDTERAYVEELLCVLEGYAAEMDNPLMAHLISTGLQNKKNIL
 FGNMEEIYHFHNRIFLRELESCIDPELVGRCFLERMEEFQIYEKQCNKPRSESLWRQCSDCPFFQEQC
 KKLKLDHKLSDSYLLKPVQRITKYQLLLKEMLYSKHCEGAEDLQEALSSILGILKAVNDSMHLIAITGYD
 GNLGDLGKLLMQGSFVWTDHKKGHTKVKELARFKPMQRHLFLHEKAVLFCKKREENGEGYKAPSYSYK
 QSLNMTAVGITENVKGDTKKFEIWINAREEVYIIQAPTPEIKAAWYNEIRKVLTSQLQACREASQHRALE
 QSHSLPLPTSPSTSPKGNTRNVKLEDRKTDPLSLEGYVSSSLPKPPEKKGWSKTSLSLEAPEEDGGW
 SSAEELINSSDAEEDGGVGPVKLVPGKYTVVMDDKGGPDTLAMRSGDMVEVVEEGAEGLYVYRDLTSSK
 EGWVPASSLSTLLGKSSAQCLSSSGVQSKGPEPKPVSTGFPQTPAQGQPC

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: NM_001159486

ORF Size: 3303 bp

OTI Disclaimer: The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. [More info](#)

OTI Annotation: This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.

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_001159486.2](#)

RefSeq Size: 5112 bp

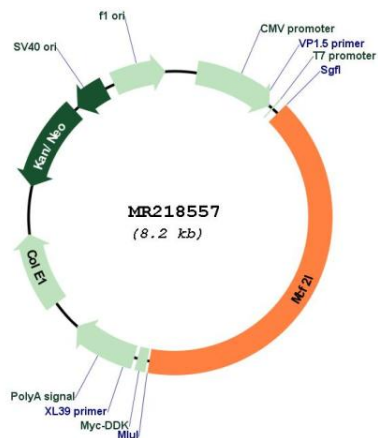
RefSeq ORF: 3306 bp

Locus ID: 17207

Cytogenetics: 8 A1.1

MW: 124.4 kDa

Product images:



Circular map for MR218557