

## Product datasheet for **MR214011**

### **Dcaf4 (NM\_001165256) Mouse Tagged ORF Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Dcaf4 (NM_001165256) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Dcaf4
Synonyms:	1110018E21Rik; Wdr21
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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**ORF Nucleotide Sequence:**

>MR214011 representing NM\_001165256  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGGATAGGAACATCTGGAAGAGTAGGAGAAGACGCGGGCGAAGCCGACACCAGAGCCCTGCCCTGGGGC  
 AGTGTGATTCCAGTGAGAGGTACGCCACAGGGGCATCTCAGAGCTCACAAGATTCTGGCCACCATGATGC  
 TGAGTCCCGTCAACCTCGTCCAGCAGAAGTGGAGAGTCTTCAGTGCCAGAACTCCAGGTTTTACTTT  
 GACCCTGAAAAGAACCGATACTTCCGTTTCTCCCGGGTCAACAACACTGCAACCCCTCACAAAGGAGG  
 GCATCCAGCAAAAGGAGATGGAGAGCAGGAGGCTGCAGCTGCTGCAGCAAGAGGACATGCAGAAAAAGAA  
 AATTACCAGAGTGGGATTTAATGCATCTCCATCTACGAAAAACCAGCTGGGTTTTCTCAACTTCTCC  
 AGTTATTGCCGTTTATCCCATGAGCTGCGGGTGAAGTGCATGGAGAGGAAAAAGGTAGAGATTAGAGCT  
 CAGACCTTCTGCTCTGGCAAGTACCGGTTTAACTTCATCATGGCAGACACTACCAGTACCGCCCTCTT  
 CACAGTGAATGAGTCAAAATCGGAGGCTCCAAGTACGGCATCATCAACCTGCAGGGTCTCAAGGCCCC  
 AGTTTCGAGGTGCAGATGCATGAAAACCTGTACTTTACCAACAGGAAGGTGAACTCTGTGTGCTGGGCC  
 CACTCAATCACTTGGACTCCACATACTGCTGTGCCTCATGGCCCTTGACAGACGCCAGGCTGTGCCAC  
 CTTGCTCCCGCTTCACTGTTTGTGAGTAAACCAAGCAGGTACAGACCAGCCTGGCATGCTCTGTAGT  
 TTCCGGATCCCTGGGCCCTGGTCTGTGCCTGGTCTTGAACGTCCAGGCAAATAACTGTTTCACTACAG  
 GTTTGTCTCGGAGGGTCTCTTGACCAATGTGGTGACAGGACACCGGCAGTCATACAGGATCAACAGTGA  
 TGTCTTGGCCAGCAGTTTGCAGTCAAGACTCCTTGTGTTTAAAGGCTGCTGTTCTGGGAGATCTTT  
 GCCACTTACCTGCGTTTCAAGTCAAGCAAGGGCTGGAAGGCTACCCAATTTTCCATGACTCAGCCG  
 TGACCTGTGCAGGTCTCAAGGAGGAGCAACACCTGATGGCGTCAGACATGTCTGAAAGATCAAGCT  
 GTGGGACCTGAGGGCCACTAAATGTGTGAGACAGTATGAAGTCATGTGAATGAGTACGCCCTACCTGCCA  
 CTGCATATGCACGAGGAGGAAGGATCCTGGTGGCAGTGGCCAAAGACTGCTACACACGGATCTGGAGCC  
 TCCACGATGCCCGCTGCTCAGAACCATAACCCTCCCCATGCCAACCTCAAGGCCAACATTCCAGTGT  
 GGCCTTCTCCTCGGCTTGGGGCTCCCGGGCGCCCCAGGGCTGCTCATGGCCGTCCAGCAGGACCTG  
 TACTGTTTCGCTACAGCTCGTCTGTCCAGACAGTACAGGAGGGCAGGTGGGAGCTCCCTTCTGTTT  
 CCAATGAGGACATTTTA

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Protein Sequence:**

>MR214011 representing NM\_001165256  
 Red=Cloning site Green=Tags(s)

MDRNIWKSRRRRGRSRHQSPALGQCDSERYATGASQSSQDSGHHDAESPSTSSSRTGESSVPELPGFYF  
 DPEKNRYFRLLPGHNNCNPLTKEGIQQKEMESRRLQLLQEDMQKKITRVGFNASSILRKNQLGFLNFS  
 SYCRLSHEL RVSCMERKKVEIQSSDPSALASDRFNFIMADTTSDRLFVNDVKIGGSKYGIINLQGLKAP  
 TFEVQMHENLYFTNRKVNSVCWASLNHLDSHILLCLMGLAETPGCATLLPASLFVSNHQAGTDQPGMLCS  
 FRIPGAWSCAWSLNVQANNCFSTGLSRRVLLTNVVTGHRQSYRINSDVLAQQFAVKTPLLFNGCRSGEIF  
 AIDLRSQSQAKGWKATQIFHDSAVTSVQVFKEEQHLMASDMSGIKLWDLRATKCVRQYEGHVNEYAYLP  
 LHMHEEEGILVAVGQDCYTRIWSLHDARLLRTIPSPCPTSKANIPSVAFSPRLGGSRGAPGLLMAVQDDL  
 YCFAYSSSCPDSQEEGRWELPSVSNEDIL

**TRTRPLEQKLI**SEEDLAANDILDYKDDDDKV

**Restriction Sites:**

Sgfl-Mlul

Cloning Scheme:



ACCN: NM\_001165256

ORF Size: 1596 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 Size: 2040 bp

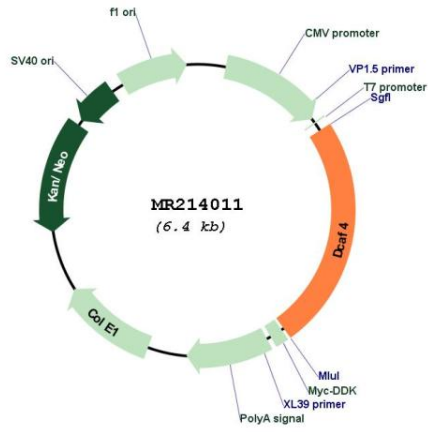
RefSeq ORF: 1599 bp

Locus ID: 73828

Cytogenetics: 12 D1

MW: 59.8 kDa

Product images:



Circular map for MR214011