

## Product datasheet for **RN214945**

### **Dcaf4 (NM\_001108716) Rat Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Dcaf4 (NM_001108716) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Dcaf4
Synonyms:	Wdr21
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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**Fully Sequenced ORF:** >RN214945 representing NM\_001108716  
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGGATCGCC**

ATGGATAAGAACATCTGGACGAGTAGGAGAAGACGAGGGCGAAGCCACCACCGTAGCCCTGCCCTCAGGC  
AGTGTGATTCCAGTGAGAGGTACACCTCAGGGGGTCTCAGAGCTCGCAAGATTCGGGCCACCATGATGT  
TGAGTGCCCATCAACCTCGTCCAGCAAAGCTGGAGAGTCTTCAGTGCCAGACCTCCAGGTTTTTACTTT  
GACCCTGAGAAGAACCGATACTTCCGTTTCTCCCGGGTCATAACAACCTGCAACCCCTCACGAAGGAGG  
GCATCCAGCTCAAGGAGATGGAGAGCAGGAGGCTGCAGCTGCTGCAGCAAGAGGACAAGCAGAAAAAGAA  
AATTGCCAGAGTGGGATTTAATGCATCGTCCATCTACGAAAAATCAGCTGGGTTTTCTCAACTTCTCC  
AGTTATTGCCGTCTCTCCACGAGCTTCGGGTGGCCTGCATGGAGAGGAAAAAGGTAGAGATTAGAGCT  
CAGACCTTCAGCTCTGGCGAGTGACCGCTTAACTTCATCTGGCAGACACTACCAGTGACCGCCTCTT  
CACGGTGAATGAGTCAAATCGGAGGCTCCAAGTACGGCATCATCAGCCTGCAGGCTGAAGGCCCC  
AGTTTCGAGGTGCACATGCACGAGAACCTGTACTTTACCAACAGGAAGGTGAACTCTGTGTCTGGGCC  
CACTCAATCACTTGACTCCACATTCTGCTGTGCCTCATGGCCCTTGACAGAGCCAGGCTGTGCCAC  
CTTGCTCCAGCATCACTGTTTGTGAGCAGTACCAAGGTACCGACCAGCCTGGCATGCTGTGTAGTTTC  
CGGATCCCTGGGGCTGGTCTGTGCCTGGTCTTGAACGTCCAGGCAAATAACTGCTTCAGTACAGGTT  
TGTCTCGGAGGGTCTGTGACCAACGTGGTGACAGGACACCGGCAGTCATATTGGACCAACAGTGACGT  
CTTGGCCAGCAGTTTGCAGTCAAGACTCCTTTGCTGTTAATGGCTGTCGTTCTGGGGAGATCTTTGCC  
ATTGACCTGCGTTCTCCAAGTCAAGCCAAGGGCTGGAAGGCTACTCAAATCTTCCATGACTCAGCAGTGA  
CCTCTGTGCAGGCTTTCAAGGAGGAGCAGTACCTGATGGCGTCAGACATGGCTGGAAAGATCAAGCTGTG  
GGACCTGAGAGCCACTAAATGTGTGAGACAATACGAAGGTCACGTGAATGAGTACGCCCTACCTGCCACTG  
CATATGCACGAGGAGGAAGGAATCCTGGTGGCAGTGGGCCAAGACTGCTACACAAGAATCTGGAGCCTCC  
ATGATGCCCGGCTGCTCAGAACCATACCTTCTCCATGCCCGACCTCAAGGCCAACATTCACAGTGTGGC  
CTTCTCTCCTCGGCTTGGGGGCCCGGGGAGCCCGAGGCTGCTCATGGCTGTCCAGCAGGACCTTTAC  
TGTTTCCCATACAGCTCGTCTGTCCAGATGGTCTGAAGGAGGGCAGGTGGGAGCCCTCTTCTGTTTCTA  
AGGAGGACATTTTAA

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** Sgfl-Mlul

**ACCN:** NM\_001108716

**Insert Size:** 1557 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\\_001108716.1](#), [NP\\_001102186.1](#)

**RefSeq Size:** 2023 bp

**RefSeq ORF:** 1557 bp

**Locus ID:** 362762

**Cytogenetics:** 6q24