

## Product datasheet for **MC222333**

### **Dcaf6 (NM\_028759) Mouse Untagged Clone**

#### **Product data:**

|                           |                                        |
|---------------------------|----------------------------------------|
| Product Type:             | Expression Plasmids                    |
| Product Name:             | Dcaf6 (NM_028759) Mouse Untagged Clone |
| Tag:                      | Tag Free                               |
| Symbol:                   | Dcaf6                                  |
| Synonyms:                 | 1200006M05Rik; lqwd1; PC326            |
| Mammalian Cell Selection: | Neomycin                               |
| Vector:                   | pCMV6-Entry (PS100001)                 |
| E. coli Selection:        | Kanamycin (25 ug/mL)                   |



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## Fully Sequenced ORF:

>MC222333 representing NM\_028759  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCCCGCATCGCC

ATGGCTCGGAGTGGCTCCTGCCCGCACCTGTTGTGGGACGTGAGGAAAAGGTCCCTTGGGCTGGAGGACC  
 CGTCCCGGCTGAGGAGCCGCTACCTGGGAAGAAGAGAATTTATCCAAAGATTAAGCAACTTT  
 AAATGTGCATGATGGCTGTGTTAATACAATCTGTTGGAATGACACTGGAGAATATATTTTATCTGGCTCT  
 GATGACACTAACTTGAATTAAGTAATCCATACAGCAGAAAGGTTTTGACAACCATCCGTTACGGGCATC  
 GAGCAATATATTTAGTGCAAGTTTTTGGCGTGCACAGATGATAAGCAGATTGTGCTTGTCTGGAGA  
 TGGAGTCATATTTATACTAACATTGAGCAAGATGCAGAACTAACAGACAGTGCCAATTTACGTGCCAT  
 TATGGAACACTTATGAGATTATGACTGTACCAACGACCCTTACACCTTTCTGCTGTGGTGAAGATG  
 GAACTGTTAGGTGGTTTACACACGCATCAAAACCAAGTGCACAAAAGAAGACTGTAAGATGATATTTT  
 AATCAACTGTAGCGGTGCTGCCACATCTGTGGCTATTTGTCCCCAGTACCATATTACCTTGCTGTGGGT  
 TGTTCGACAGCTCAGTACGGATTATGATCGGCGAATGCTGGGCACAAGAGCTACAGGGAATTATGCAG  
 GCCGAGGAACACTGGAATGGTTGCTCGATTTATACCTTCTCATCTTAGTAACAAATCATGCAGAGTGAC  
 ATCACTGTGTACAGTGAAGATGGTCAAGAGATTCTTGTCAGTTATTCTTCAGACTACATCTATCTTTTT  
 GACCCCAAGATGATACTGCACGAGAATTAAGCACTCTTCTGCAGAGGAGAGGCCGAGAAGATTACGAC  
 AGCCTCCAGTTAAGCGCTTGAGACTTCGTGGTGATTGGTCAGATACTGGTCCCAGAGCACGGCCAGAAAG  
 TGAACGAGAACGAGATGGAGAGCAAGTCCCAATGTGTCAGTATGCAGAGAATGTCTGATATGTTATCA  
 AGGTGGTTTGAAGAAGCAAGTGAAGTTGCACAAAGCAACAGGAAGAGGAAGACCTCGGCCAGAGGTG  
 GAACAAATCAGCCAGATGTTCAACTCTTCTACGTTCCATCAAGTCTTAATTTGGAAGTGTGTAAAC  
 TGCAATGGATGTAGACATGCCAGCTGCATTTCTCAGCCTTCTACATCCTCTACAGATCCAGTTTACGGCT  
 CAGGCAGCCACAGCCGCATAGAAAGCCCTCGTTCCAGCTCGTTGCTGTCTTGCCAGACAGTGAACCGA  
 GGCAGTCTGTTGAGGCGTCTGGACACCATGCACATCATCAGTCAGATAACAGTAATGAGAGGCTGAGCCC  
 CAAACCAGGGACAGGTGAACCCGTTTTAAGTTTGCACTACAGCACAGAAGGAACAACATAAGCACAATA  
 AAAGTGAACCTTACAGATGAATGGAGCAGTACAGCCTCAAGTTCCAGAGGAAATGGGAGCCATTGCAAT  
 CTGAGGGTCAGGAAGAATGCTTGGTCCCTCCGAGCTCTGTGCAGCCACCGGAAGGAGACAGTGAACAAG  
 AGCTCCTGAAGAACTATCAGAGAAAGGAACACTCCAGAAAACCTCACTCAAAACAGATAGATACAGCA  
 CAAGTTGATAACTTCCAGCTGAGCCATTGGATTCTAACTCAGGAGAGAAGAATAACCCAAGTCAGGACA  
 GCCCTTGTGGGCTTCCAGAAGAAGGCATTTGTCTGAAACAGACAGGGAGACTTGTGAGCAGGCCAGCAC  
 TGAGAGTGCTACCAGGCATGCTAGCACCAAGCCTGAACTCCCATCCCAGACAGAAGCCATTGAGCAGGCC  
 AGCACTGAGAGTGCTACCAGGCATACCAGTGCCATCCTGAACTCCCATCCCAGACAGAAGCCATAGCAC  
 CTTTAGCTCATGAAGACCATCTGCCAGGGACTCTGCTCTCCAGGACACAGATGACAGCGATGATGATCC  
 GGTCTTGATCCCTGGTGAAGATACCGAACAGGACCTGGTGATAGACGCTCCGCTGTTGCCCGCATTGAG  
 GAGTTCTTCAGGAGGAGAAAAGAAAGGAAAGAAATGGAAGAGCTGGATACTTTGAACATTAGGAGGCCAC  
 TAGTAAAGATGGTTTATAAGGGCCACCGCAACTCCCGACAATGATAAAAGAAGCCAATTTCTGGGTGC  
 TAACTTTGTAATGAGCGGTTCCGATTGTGGCCATATCTTCATCTGGGACCGGCACACTGCTGAGCATTTG  
 ATGCTTCTGGAAGCTGATAATCATGTGGTCAACTGCCTGCAGCCCCATCCGTTTGACCAATTTAGCCT  
 CATCTGGCATAGATTATGACATAAAGATCTGGTCGCCACTAGAAGAGTCAAGAATTTTAAATCGAAAAC  
 TGCTGATGAAGTTATAACTCGGAATGAAGTATGCTGGAAGAGACTCGGAACACCATCACCCTCCAGCC  
 TCTTTCATGTTGAGGATGTTGGCGTCACTGAATCATATCCGAGCTGACCGTCTGGAGGGTGACAGATCAG  
 AAGGTTACAGTCAGGAGAATGAAATGAGGATGAAGAA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

## Restriction Sites:

SgfI-MluI

## ACCN:

NM\_028759

## Insert Size:

2631 bp

|                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|-------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>OTI Disclaimer:</b>        | 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).                                                                                                                                                                          |
| <b>Components:</b>            | 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).                                                                                                                                                                                                                                                                                                                                    |
| <b>Reconstitution Method:</b> | <ol style="list-style-type: none"> <li>1. Centrifuge at 5,000xg for 5min.</li> <li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li> <li>3. Close the tube and incubate for 10 minutes at room temperature.</li> <li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li> <li>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.</li> </ol> |
| <b>Note:</b>                  | Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.                                                                                                                                                                                                                                                                                                                                                                                                |
| <b>RefSeq:</b>                | <u><a href="#">NM_028759.1</a></u> , <u><a href="#">NP_083035.1</a></u>                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>RefSeq Size:</b>           | 3306 bp                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>RefSeq ORF:</b>            | 2631 bp                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>Locus ID:</b>              | 74106                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>UniProt ID:</b>            | <u><a href="#">Q9DC22</a></u>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>Cytogenetics:</b>          | 1 H2.2- H2.3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| <b>Gene Summary:</b>          | Ligand-dependent coactivator of nuclear receptors. Enhance transcriptional activity of the nuclear receptors NR3C1 and AR. May function as a substrate receptor for CUL4-DDB1 E3 ubiquitin-protein ligase complex (By similarity).[UniProtKB/Swiss-Prot Function]                                                                                                                                                                                                                                                       |