

## Product datasheet for RC211073

### DCAF10 (NM\_024345) Human Tagged ORF Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	DCAF10 (NM_024345) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	DCAF10
Synonyms:	WDR32
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>RC211073 ORF sequence Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGACTAGCCTCTACGGTCCATCCACCCCGGGACTCGGTGTACCTCAGCACCCGCACCCACGGCGCCG  
TCTTCAACCTCGAGTACTCGCCGACGGGTCAGTGTGACAGTTGCTTGTGAACAACTGAAGTTCTGCT  
TTTTGACCCTATATCTTCAAAGCACATAAAAACACTTTCTGAAGCTCATGAAGACTGTGTAATAATATC  
AGATTTCTTGATAACCGGCTGTTTGTACCTGCTCTGATGACACTACAATAGCACTATGGGATCTGAGAA  
AATTGAACACCAAAGTATGCACTTTACATGGTCACACTAGCTGGTGAAGAATCGAATATGATACTAA  
TACAAGACTCTTAGTAACATCAGGATTTGATGGAATGTCAATTTGGGACACTAACAGGTATACAGAA  
GATGGGTGCCACATAAGAAATCTTTACACACGTTTTCTCATGCGAATGAGGTTAACACCAGATTGTT  
CCAAAAATGTTGATTTCAACGTCCTCTGGATATCTCTAATTTTGCATGACCTTGACTTAACTAAGTCTTT  
AGAAGTAGGCAGCTATCCATTTAAGAGCAAGAAGAAGTACTTCAAGTTCAGATTTGACCACCTTCATCA  
AGTTCATCTGGTCTAGAGTTTCTGGCTCACCTTGTATCATAGTGATTCTAATCTTCTGAGAAACACA  
TGTCACGAGCCTCTAAAGAGAAGGAGTTTACCACGAAATAGTCTTGAAGTCGTAACCCCTGAAGTCT  
TGGTGAGAGTGACCACGAAACTGCATCACGTCCTTACAGCTGCACCCAAAAGGCTGGGCCACTCTTCT  
CGGTGCTCAAGCAACAGTGATGATGAGGAGTGTACTTGTGTCTATGAATCCAAGAAGGAGCTCCAGTGC  
GACCTGTCTCACCTCGCTGTTCTCTACGACTGACTCATTACATTGAAGAAGCCAATGTAGGCAGGGGTTA  
CATCAAAGAACTTTGCTTACGCCCGATGGACGAATGATTTCTTCCCACATGGCTATGGGATTCGCTTG  
TTGGGATTTGACAAACAGTGCAGTGAAGTGTGACTGCTTGCCCAAAGAAGCCAGTCCCCTGCGGGTGA  
TCCGTTCTGTACTCTCATAATGATGTGGTACTGACAACAAAGTTCTCTCCAACACATTGTCAGATTGC  
CTCAGGGTGCCTTAGTGGACGGGTTTCTTTGTATCAGCCAAAGTTT

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA



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**Protein Sequence:** >RC211073 protein sequence  
Red=Cloning site Green=Tags(s)

MTSLYGSIHPPADSVVYLSTRTHGAVFNLEYSYSPDGSVLTVACEQTEVLLFDPISSEKHIKTLSEAHEDCVNNI  
 RFLDNRLFATCSDDTTIALWDLRKLNTKVCTLHGHTSWVKNI EYDTNTRLLVTSFGDGNVI IWD TNRYTE  
 DGCPHKFFHTRFLMRMLTPDCSKMLISTSSGYLLILHDLDLTKSLEVGSYPILRARRTSSSDLTTSS  
 SSSGPRVSGSPCHSDSNSEKHM SRASQREGVSPRNSLEVVTPEVLGESDHGNCITSLQLHPKGWATLL  
 RCCSSNDDEECTCVYEFQEGAPVRPVSPRCSLRLTHYIEEANVGRGYIKELCFSPDGRMISSPHGYGIRL  
 LGFDKQCSSELVDCLPKEASPLRVIRSLYSHNDVVLTTKFSPTHQCQIASGCLSGRVSLYQPKF

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

**Chromatograms:** [https://cdn.origene.com/chromatograms/mk6378\\_a08.zip](https://cdn.origene.com/chromatograms/mk6378_a08.zip)

**Restriction Sites:** SgfI-MluI

**Cloning Scheme:**



\* The last codon before the Stop codon of the ORF

**ACCN:** NM\_024345

**ORF Size:** 1236 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\\_024345.2](#), [NP\\_077321.2](#)

**RefSeq Size:** 7944 bp

**RefSeq ORF:** 1680 bp

**Locus ID:** 79269

**UniProt ID:** [Q5QP82](#)

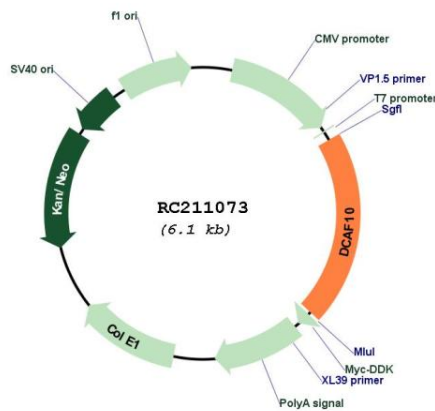
**Cytogenetics:** 9p13.2

**Domains:** WD40

**MW:** 45.9 kDa

**Gene Summary:** May function as a substrate receptor for CUL4-DDB1 E3 ubiquitin-protein ligase complex. [UniProtKB/Swiss-Prot Function]

**Product images:**



Circular map for RC211073