

Product datasheet for **RG211468**

DCAF17 (NM_025000) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	DCAF17 (NM_025000) Human Tagged ORF Clone
Tag:	TurboGFP
Symbol:	DCAF17
Synonyms:	C2orf37; C20orf37
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)



[View online »](#)

ORF Nucleotide Sequence:

>RG211468 representing NM_025000
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGGCCCGACCCGGAAGCCCAACGTGTGCAGCCGGCTGAGTCGCCGGCGCTGGGCTGCTTCTCGCGCG
 ACGCAGCGTGGTGCAGAGGACCAACCTGGGCATCCTGCGGGCGCTGGTGTGCCAGGAAAGTACTAAATT
 TAAGAATGTCTGGACAACCTATTCCAGGTCACCTATAGCCTATGAGAGAGGAAGAATATATTTTGA
 TATCGGCGCTGTGTGAGCAGTGTGCATCTGAGCCAAGAAAACCTTATGAAATGCCAAAATGTTCCAAAT
 CAGAAAAATAGAGGATGCTTTATTATGGGAATGCCAGTGGGAGATATACTTCCCAATTCATCAGATTA
 TAAGTCTCACTCATAGCACTGACTGCTCATAATTGGCTACTTCGTATATCAGCAACTACGGAAAAATC
 CTTGAGAAAAATATCTTGCACCTATTGCAAATTCAGATACTTGAGCTGGGACTCCTCAAGAAGTCA
 TTGCAGTTAAGTCAGCTCAGAACAGAGGCTCAGCAGTGGCCCGCAGGCAGGCATTCAACAACATGTTTT
 GCTGTACCTTGCAGTGTCCGAGTTCTACCTTTTTCACTTGTAGGGATTCTAGAGATCAACAAAAAGATT
 TTTGGGAACGTTACAGATGCTACCTTGTCTCATGGAATACTGATTGTGATGTACAGCTCAGGACTGGTCA
 GACTCTATAGCTTCCAAACCATCGCTGAACAGTTCATGCAACAGAAAACCTGACTTAGGGTGTGCATGCAG
 ATGGGGTGGGACTACTGGAACGTGAGGAGAGGCTCCTTTTGGCATTTCCTGTAATATTAATAACACAGAC
 ATGCCACCACTGCTCTTTGAGGTGTATCCCTGGAGAAATGCTTTTCAGATTGGAGGCCATCCTTGGCACT
 ACATCGTCACACCTAATAAGAAGAAACAGAAAGGAGTTTTCCATATTTGTGCCCTAAAAGACAATTCCTT
 GGCAAAAAATGGGATCCAAGAAATGGATTGTTGTTCTCTAGAATCTGACTGGATCTATTTCCATCCTGAT
 GCTTCTGGTAGAATAATACATGTTGGTCCAAATCAAGTCAAAGTTTTGAAGCTAACTGAAATAGAAAAATA
 ATAGTTCTCAGCATCAGATCTCTGAAGATTTTGTCAATTTGGCCAACAGGGAGAACCATAAAAAATGAAAA
 TGTACTCACTGTTACAGCTTCTGGACGGTGGTAAAAAAAAGTTTTAACCTTCTGGATGATGACCCAGAA
 CAAGAGACTTTCAAAATTGTGGACTATGAAGATGAGTTAGATTTGCTTTCTGTGGTAGCTGTTACTCAAA
 TAGATGCTGAAGGAAAAGCTCACCTGGATTTCCACTGTAATGAATATGGAACCTTACTTAAAAGCATTCC
 ACTAGTGGAGTCATGGGATGTGACATATAGCCATGAAGTCTACTTTGACAGAGACTTGGTGTACACATA
 GAGCAGAAACCAACAGAGTCTTCAGCTGCTATGTTTACCAGATGATATGTGACTGCGGGAAGAAGAAG
 AAACCATAAACAGAAGCTGT

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA

Protein Sequence:

>RG211468 representing NM_025000
 Red=Cloning site Green=Tags(s)

MGPTRKPNVCSRLSRRALGCFSRDAGVQRTNLGILRALVCQESTKFKNVWTTHSRSPAIYERGRIFYFDN
 YRRCVSSVASEPRKLYEMPKCSKSEKIEDALLWECVGDILPNSSDYKSSLIALTAHNWLLRISATTGKI
 LEKIYLYAPYCKFRYLSDWTPQEVIAVKSANRGS AVARQAGIQQHVLVAVFRVLPFSLVGIILEINKKI
 FGNVTDATLSHGILIVMYSSGLVRLYSFQITAEQFMQQKLDLGCACRWGGTTGTVGEAPFGIPCNIKITD
 MPPLLFEVSSLENAFQIGGHPWHYIVTPNKKKQKGVFHCALKDNSLAKNGIQEMDCCSLESWDIYFHPD
 ASGRIIHVGNPNQVKVLKTEIENSSQHQISEDFVILANRENHKNENLTVTASGRVVKKSFNLLDDDP
 QETFKIVDYEDEL DLLSVVAVTQIDAEGKAHLDFHCNEYGTLLKSIPLVESWDVTYSHEVYFDRDLV
 HI EQKPNRVFSCYVYQMICDTGEEETINRSC

TRTRPLE - GFP Tag - V

Restriction Sites:

Sgfl-Mlul

Cloning Scheme:



ACCN: NM_025000

ORF Size: 1560 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_025000.4](#)

RefSeq Size: 5744 bp

RefSeq ORF: 1563 bp

Locus ID: 80067

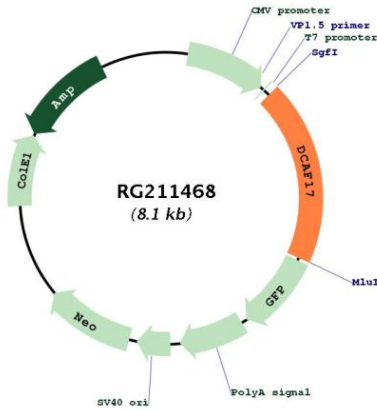
UniProt ID: [Q5H9S7](#)

Cytogenetics: 2q31.1

Gene Summary:

This gene encodes a nuclear transmembrane protein that associates with cullin 4A/damaged DNA binding protein 1 ubiquitin ligase complex. Mutations in this gene are associated with Woodhouse-Sakati syndrome. Alternate splicing results in multiple transcript variants. [provided by RefSeq, Sep 2009]

Product images:



Circular map for RG211468