

Product datasheet for **RG207832**

DCAF12L1 (NM_178470) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Tag:	TurboGFP
Symbol:	DCAF12L1
Synonyms:	KIAA1892L; WDR40B
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)



[View online »](#)

ORF Nucleotide Sequence: >RG207832 representing NM_178470
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCGCGATCGCC

ATGCCCCAGCAGCAACAGGTAGCAGGAAACGGAAGCGCCCGGGTCGAGGCGGGCGCCGAGAGCTCGC
 CGTCGCAGGGCTTGGCGGCAGCGGACGGTGAGGGGCCGCTGCTACTCAAGAGGCAGAGGCGGCCGCGAC
 GTATCGCTCGATGGCGCACTATCTGAAGTTTCGGGAGGTAGCGGGTGGGGCCCCGCCAGGCTCCAGGGC
 TTCGATGGCGAGCTGCGGGGCTACGCGGTACAGAGGCTGCCCGAGCTGCTGACGGAGCGCCAACCTGGAGC
 TGGGCACGGTCAACAAGGTGTTCCGCTCACAGTGGTGAATCCAGGCAGGTGGTGTGCGGCACCAAGTG
 TAACACGCTTTTCGTGGTGGACGTGGAGTCAGGCCACATCGCGCGCATTCCCCTCTTTCGGGACAGTGAG
 GCCAGGCTGGCCAGGACCAACAGGGCTGCGGCATCCATGCCATCGAGCTGAATCCCTCCAAGACGCTTC
 TGGCCACCGCGCGGAAAACCCCAACAGCCTGGCCATCTACCAGCTGCCCTCCCTGGATCCCCTGTGCCT
 GGGCGACCGCCATGGCCACAAGGACTGGATCTTCGCCGTCGCTGGCTGAGTGACACCGTAGCCGTGAGC
 GGCTCCCGCGACGCACTGTGGCGCTGTGGCGGATGGACCCGACAAGTTCGATGACACTGTTGCCTGGC
 ATAGCGAGGTGGGTCTCCCCGTATATGCCACATCCGTCGAGGGATGTGGAGGCCATCCCCAGGGCCAT
 CATCAACCCAGTAACCGCAAGGTGCGGGCCCTGGCTGCGGCGGCAAGAACAGGAACCTGGGAGCGGTG
 TCCTTGAGCGGCTACTTCCACCTGTGGAAGCCGGGAGCGCACTATCCAGGCTGCTGTCCATCAGGCTGC
 CCTACTTCGGGATAATGTGTGCTGACCTACTGTGATGATATGTCTGTGTACGCCGTGGGCTCCCATTC
 CCACGTCTCTTCTGGATCTGCGCCAGGACCAGCAGAACATCCGCCCCCTGTGTTCTCGAGAGGGTGGC
 ACAGGCGTGGGTGCTGAGCTTCTACCGCCACATCATCACTGTGGGCACCGGTGAGGGCTCCCTGCTCT
 TCTATGACGTCCGGGCCAGAAATTCCTGGAGGAAAGAGCCTCCGCCACCCTGGAGTCTCTTCGGGACC
 TGCAAGGAGGAAGCTCAGGCTTGCCTGTGGCAGAGGCTGGCTCAACCACAATGATTTCTGGGTGAATTAC
 TTTGGTGGCATGGAAGTGTTCCTCAATGCGCTCTACACCCACTGCTACAACCTGGCCTGAGATGAAGCTCT
 TTGTGGCTGGGGGCCCTCTCCCTGCAGGCCTCCATGGGAATATGCAGGCCTCTGGAGC

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA

Protein Sequence: >RG207832 representing NM_178470
 Red=Cloning site Green=Tags(s)

MAQQQTGSRKRKAPAVEAGAESSPSQGLAAADGEGPLLLKRQRRPATYRSMAYLKVREVGGWGPRLQG
 FDGELRGYAVQRLPELLTERQLELGTVNKVFASQWLSNRQVVCGTKCNTLFVVDVESGHIARIPLLRDSE
 ARLAQDQQCGIHAIELNPSKTLATGGENPNSLAIYQLPSLDPLCLGDRHGHKDWIFAVAWLSDTVAVS
 GSRDGTVALWRMDPKFDDTVAWHSEVGLPVYAHIRPRDVEAIPRAIINPSNRKVRALACGKNQELGAV
 SLDGYFHLWKAGSALSRLLSIRLPYFRDNVCLTYCDDMSVYAVGSHSHVSFLDLRQDQQNIRPLCSREGG
 TGVRSLSFYRHIIITVGTGQGSLLFYDVRAQKFLEERASATLESSSGPARRKLRLACGRGWLNHDFWVNY
 FGGMEVFPNALYTHCYNWPEMKLFVAGGPLPAGLHGNVAGLWS

TRTRPLE - GFP Tag - V

Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: NM_178470

ORF Size: 1389 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.

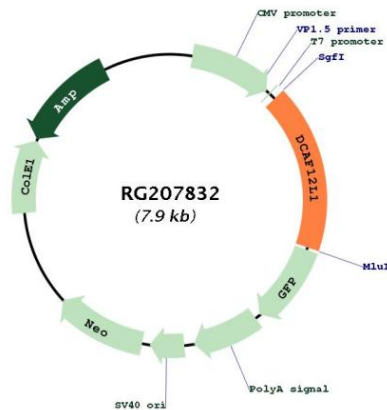
Note: Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.

RefSeq: [NM_178470.2](#)

RefSeq Size: 3379 bp
RefSeq ORF: 1392 bp
Locus ID: 139170
UniProt ID: [Q5VU92](#)
Cytogenetics: Xq25

Gene Summary: This gene encodes a member of the WD repeat protein family. WD repeats are minimally conserved regions of approximately 40 amino acids typically bracketed by gly-his and trp-aspartate (GH-WD), which may facilitate formation of heterotrimeric or multiprotein complexes. Members of this family are involved in a variety of cellular processes, including cell cycle progression, signal transduction, apoptosis, and gene regulation. [provided by RefSeq, Jul 2008]

Product images:



Circular map for RG207832