

Product datasheet for **RG208716**

DCAF16 (NM_017741) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	DCAF16 (NM_017741) Human Tagged ORF Clone
Tag:	TurboGFP
Symbol:	DCAF16
Synonyms:	C4orf30
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)
ORF Nucleotide Sequence:	>RG208716 representing NM_017741 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGGTCCTAGAAATCCCTCTCCTGACCACTTGTGAGAATCAGAAAGTGAGGAAGAAGAAAATATTAGTT
ACCTAAATGAGAGTTCTGGGGAAGAGTGGGATTCCTCTGAAGAAGAGGACTCTATGGTGCCCACTTATC
GCCTCTTGAGAGTCTTGCTGGCAGGTTAAGTGCCTTTTAAAATATTCCACAACCTGGAAACCTTTAAAT
CCTAATTCCTGGTTGATCATGCTAAACTGTTGGATCCAAGCACACCAGTCCATATACTTCGAGAGATAG
GTCTAAGACTCTCCATTGTTCCATTGTGTCCCAAACCTGGAACCAATTCCTGAATGGCCCCCTCTGGC
CTTTGTGGAGTCCCACCTTTTCAAAGCCTCTTACAAGTCCCAGCCGGCTCTCTAGAGATCATGCCACT
CTAAATGGAGCACTGCAATTTGCCACCAACAGCTAAGCCGAACATTGAGTAGAGCCACTCCCATACCTG
AATACCTAAAACAGATCCCTAATTCATGTGTTTCTGGGTGTTGCTGTGGCTGGCTGACTAAAACAGTTAA
GGAAACAACCTCGTACTGAACCCATCAACACTACTTATTCTTACACTGACTTCCAAAAGGCAGTTAACAAA
CTCCTAACTGCATCACTG

ACGCGTACGCGGGCCGCTCGAG - GFP Tag - GTTTAA



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Protein Sequence: >RG208716 representing NM_017741
 Red=Cloning site Green=Tags(s)

MGPRNPSPDHLSESESEEEEEENISYLNESSEGEEDSSEEEEDSMVNLSPLESLAWQVKLLKYSTTWKPLN
 PNSWL YHAKLLDPSTPVHILREIGLRLSHCSHCVPKLEPIPEWPLASCVPFQKPLTSPSRLSRDHAT
 LNGALQFATKQLSRTL SRATPIPEYLKQIPNSCVSGCCGWLTKTVKETRTEPINTTYSYDFQKAVNK
 LLTASL

TRTRPLE - GFP Tag - V

Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: NM_017741

ORF Size: 648 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_017741.4](#)

RefSeq Size: 4548 bp

RefSeq ORF: 651 bp

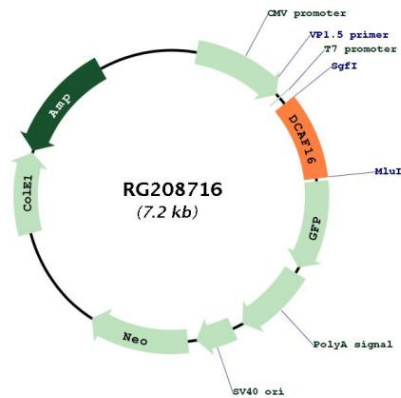
Locus ID: 54876

UniProt ID: [Q9NXF7](#)

Cytogenetics: 4p15.31

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 RG208716