

Product datasheet for **RR216809**

Dcaf17 (NM_001177688) Rat Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Dcaf17 (NM_001177688) Rat Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Dcaf17
Synonyms:	RGD1565551
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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ORF Nucleotide Sequence:

>RR216809 representing NM_001177688
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGGCCGACCCGGAAGCCAATGTGTGCCCCAGGCTGAGTCGCCGTGCTCTGGGCTTCTACACACGCG
 ACGCGGGCGTGGTGCAGAGGACGAACCTGGGCATCCTGCGGGCGCTGGTGTGCCAGGAGAGTAAAT
 TAAGAATGTTGGACAACCTATTCCAAGTCACCTATAGCCTATGAGAGAGGAAGAATATATTTTGAACA
 TACCGGTGCTGTGCAGCAGTGTGCATCAGAGCCAAGAAAACCTTATGAAATGCCAAAATGTTCCAAAT
 CAGAAAAAATTGAGGATGCTTTATTATGGGAATGCCCAGTGGGAGAAAATACTTCTGACCCGTCAGACTA
 TAAATCTTCACTCATAGCACTGACTGCTCATAATTGGCTGCTTCGTATATCAGCAACTACAGGGGAAATC
 CTGGAGAAAATACCTTGCTTCTATTGCAAATTCAGGTACCTGAGCTGGGACACTCTCAAGAGGTCA
 TTGCAGTGAAGTCGGCTCAGAACAAAGGCTGCAGCAGCTCGGCAGGCAGGCACTCAGCCTCCTGTTCT
 GTTGTACCTCGCGTGTCCGGGCTCCTGCCCTTTCCCTTGTAGGGATTCTAGAGATCAACAGAAAGGTT
 TTCGAGAACGTCACAGATGCTACCTTGTACATGGAATCCTGATTGTGATGTACAGCTCAGGACTAGTCA
 GGCTGTACAGTTCCAAGCCATCATCGAGCAGTTCATGCAACAGAAAACCTGACTTAGGGTGTGCATGCAG
 TCAGGGCGGGACTACTGGGACTGTAGGAGAGGCTCCTTTTGGCATTTCCTGTAATGTTAAAAACACAGAC
 TCACCACCTCCACTCTTTGAAGTTTCAATCCCTGGGAAATGCATTTAGATTGGAGGCCATCCTTGGCACT
 ACATCATCACGCCTAATAAGAAGAAAACAAAAGGGAGTTTTCCATATTTGTGCCCTTAAAGATAATCCCT
 GGCAAAAATGGAATCCAGGAAATGGAATGTTGTTCACTAGAATCTGACTGGATCTATTTCCACCCTGAT
 GCTTCTGGAAGAATAATACAGTTCGACGATTTTGTCAATTTGGCCAATAGAGAAGACAGAAAGGAAAAC
 ATAGTTCTCAGCATCAGATCTCTGAAGATTTTGTCAATTTGGCCAATAGAGAAGACAGAAAGGAAAAC
 AATCACGGTTACAGCTTCTGGACGTGTGGTGAACGAAAATGTCAACCTTCTGGATGATACCCAGAACAG
 GAGACTTTCAAAGTCGTGGACTATGAAGATGAGTTGAACTTGCTTTCCGTAGTGGCTGCTCAATAG
 ATGCAGAAGGAAAGCTCACCTGGATTTCCACTGTAACGAGTATGGAACCTTACTCAAAGCATCCCACT
 AGTGGAGTCATGGGATGTGGTATGTATAACCACTGGGACACTGAGTTGTAAGGGTTTCTTTACAAGCGC
 CATTTATTAGGACATGCCTCGTCAGTCCAGATTCACCTGTGCCG

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RR216809 representing NM_001177688
 Red=Cloning site Green=Tags(s)

MGRTRKANVCPRLSRRALGFYTRDAGVVQRNLGILRALVCQESTKFKNVWTHSKSPIAYERGRIYFDN
 YRCCVSSVASEPRKLYEMPKCSKSEKIEDALLWECVGEILPDPDSDYKSSLIATAHNLLRISATTGEI
 LEKIYLASYCKFRYLSWDTPQEVIAVKSQNKGSAAARQAGTQPPVLLYLAVFRVLPFSLVILEINRKV
 FENVTDATLSHGILIVMYSSGLVRLYSFQAIIEQFMQKLDLGCACSQGGTTGTVGEAPFGIPC�VKITD
 SPPPLFEVSSLENAFQIGGHPWHYIITPNKKKQKGVFHICALKDNLSAKNGIQEMECCSLESWDIYFHPD
 ASGRIIHVGNQVKVLKSEVENNSSQHQISEDFVIWANREDRKENLITVTASGRVVKRNVNLLDDDP
 EQETFKVVDYEDLNLLSVAVTQIDAEGKAHLDFHCNEYGTLLKSIPLVESWDVVCITTTGLSCKGFLYKR
 HLLGHVLVSPDSPVP

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites:

Sgfl-MluI

Cloning Scheme:



ACCN: NM_001177688

ORF Size: 1515 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_001177688.1](#), [NP_001171159.1](#)

RefSeq Size: 1896 bp

RefSeq ORF: 1518 bp

Locus ID: 499807

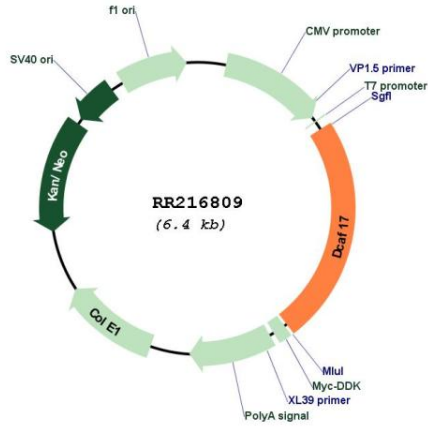
UniProt ID: [B1H299](#)

Cytogenetics: 3q22

MW: 56.4 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 RR216809