

Product datasheet for **MR217053**

Dcaf17 (NM_001165980) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Dcaf17 (NM_001165980) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Dcaf17
Synonyms:	2810055O12Rik; 4833418A01Rik; A030004A10Rik; A930009G19Rik; AI448937
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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ORF Nucleotide Sequence:

>MR217053 representing NM_001165980
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGGCCGACCCGGAAGCCAATGTGTGCCCGAGCTGAGTCGCCGGCTCTGGGCTTCTATGCACGCG
 ACGCAGGCGTGGTGCAGAGGACGAACCTGGGCATCCTGCGGGCGCTGGTGTGCCAGGAGAGTAAAT
 TAAGAATGTTGGACAACCTATTCCAAGTCACCTATAGCCTATGAGAGAGGAAGAATATATTTTGACAAT
 TACCGGTGCTGTGCAGCAGTGTGCATCAGAGCCAAGAAAACCTTATGAAATGCCAAAATGTTCCAAAT
 CAGAAAAAATGAGGATGCTTTATTATGGGAATGCCCAGTGGGAGACATACTTCTGACCCATCAGACTA
 TAAATCCTCACTCATAGCCCTGACTGCTCATAATTGGTGTCTCGTATATCCGCAACTACAGGGGAAGTC
 CTGGAGAAAATACCTTGCTTCTACTGCAAATTCAGGTACCTGAGCTGGGACACACCTCAGGAGGTCA
 TCGCAGTGAAGTCGGCTCAGAACAAAGGCTCCGCAGCGGCTGCCAGGCAGGCACCTCACCACCCGTTTT
 GTTGTACCTCGCAGTGTCCGGTCTGCCCTTTTCACTTGTAGGGATTCTAGAGATCAACAAAAGGTT
 TTTGAGAATGTCACAGATGCTACCTTGTCACATGGAATCCTGATTGTGATGTACAGCTCGGGACTAGTCA
 GACTCTACAGTTCCAAGCCATCATCGAACAGTTCATGCAACAGAAAACCTGACTTAGGGTGTGCATGCAG
 TCAGGGCGGGACTACTGGGACTGTAGGAGAGGCTCCTTTTGGCATTCTTGTAAATGTTAAAATCACAGAC
 TCACCACCTCCACTCTTTGAAGTTTCACTCTGGAGAACGCATCCAGATTGGAGGCCATCCTTGGCACT
 ACATCATCACGCCTAATAAGAAGAAACAGAAAGGAGTTTTTTCATATTTGTGCCCTAAAAGATAATCTTT
 GGCAAAAATGGAATCCAAGAAATGGAGTGTCTTATTAGAACTGACTGGATCTATTTCCACCCTGAT
 GCTTCTGGAAGAATAATACATGTTGGCCAAACCAAGTCAAAGTCTTGAAGCTAAGTGAAGTGAAGAAATG
 ATAGTTCTCAGCATCAGATCTCTGAAGATTTTGTCAATTTGGGCTAAAAGAGAAGACAGAAAGGAAAATD
 AATCACCGTTACAGCTTCTGGACGTGTGGTGAAGAAAGAAATGTCAGCCTTCTGGATGATGACCCAGAACAA
 GAGACTTTCAAAATCGTGGACTATGAAGATGAGTTGGACTTACTTTCCGTAGTAGCTGCTCAATAG
 ATGCTGAAGGAAAAGCTCACCTGGATTTCCACTGTAATGAATATGGAACCTTACTCAAAGCATCCCACT
 AGTGGAGTCAAGGATGTGACATATAGCCATGAAGTCTACTTTGACAGAGATTTGGTGTGCACATCGAA
 CAGAAAGCCCAACAGGCTTTCAGCTGCTATGTTTACCAGATGGTCTGTGACCCTGGAGAAGAGGAGGAAG
 CTGTCAACAGAAGTGGT

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>MR217053 representing NM_001165980
 Red=Cloning site Green=Tags(s)

MGRTRKANVCRRLSRRALGFYARDAGVVQRTNLGILRALVCQESTKFKNVWTHSKSPIAYERGRIYFDN
 YRCCVSSVASEPRKLYEMPKCSKSEKIEDALLWECVGDILPDPDYKSSLIALTAHNWLLRISATTGEV
 LEKIYLYASYCKFRYLSDWTPQEVIAVKSQNKGSAAARQAGTSPVLLYLAVFRVLPFSLVGLILEINKKV
 FENVTDATLSHGILIVMYSSGLVRLYSFQAIIEQFMQQKLDLGCACSQGGTTGTVGEAPFGIPCNVKITD
 SPPPLFEVSSLENAFQIGGHPWHYIITPNKKKQKGVFHICALKDNSLAKNGIQEMECCSLESDWIYFHPD
 ASGRIIHVGNQVKVLKSEVENDSSQHQISEDFVIWAKREDRKENLITVTASGRVVKRNVSLDDDDPEQ
 ETFKIVDYEDLDLLSVAVTQIDAEGKAHLDFHCNEYGTLLKSIPLVESWDVTSHEVYFDRDLVLHIE
 QKPNRVFSCYVYQMVCDPGEVEEAVNRSG

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites:

Sgfl-MluI

ACCN:	NM_001165980
ORF Size:	1557 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:	<ol style="list-style-type: none">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_001165980.1 , NP_001159452.1
RefSeq Size:	7739 bp
RefSeq ORF:	1560 bp
Locus ID:	75763
UniProt ID:	Q3TUL7
Cytogenetics:	2 C2
MW:	58.8 kDa
Gene Summary:	May function as a substrate receptor for CUL4-DDB1 E3 ubiquitin-protein ligase complex. [UniProtKB/Swiss-Prot Function]