

Product datasheet for **MR208126**

Dcaf17 (NM_198005) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Dcaf17 (NM_198005) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Dcaf17
Synonyms:	2810055O12Rik; 4833418A01Rik; A030004A10Rik; A930009G19Rik; AI448937
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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ORF Nucleotide Sequence:

>MR208126 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGGCCGACCCGGAAGCCAATGTGTGCCCGAGGCTGAGTCGCCGGGCTCTGGGCTTCTATGCACGCG
 ACGCAGGCGTGGTGCAGAGGACGAACCTGGGCATCCTGCGGGCGCTGGTGTGCCAGGAGAGTAAAT
 TAAGAATGTTGGACAACCTATTCCAAGTCACCTATAGCCTATGAGAGAGGAAGAATATATTTTGA
 TACCGGTGCTGTGCAGCAGTGTGCATCAGAGCCAAGAAAACCTTATGAAATGCCAAAATGTTCCAAAT
 CAGAAAAAATTGAGGATGCTTTATTATGGGAATGCCCAGTGGGAGACATACTTCTGACCCATCAGACTA
 TAAATCCTCACTCATAGCCCTGACTGCTCATAATTGGTCTGCTCGTATATCCGCAACTACAGGGGAAGTC
 CTGGAGAAAATACCTTGCTTCTACTGCAAATTCAGGTACCTGAGCTGGGACACACCTCAGGAGGTCA
 TCGCAGTGAAGTCGGCTCAGAACAAGGCTCCGCAGCGGCTCGCCAGGCAGGCACCTCACCACCCGTTTT
 GTTGTACCTCGCAGTGTCCGGGTTCTGCCCTTTTCACTTGTAGGGATTCTAGAGATCAACAAAAAGGTT
 TTTGAGAAATGTCACAGATGCTACCTTGTCACATGGAATCCTGATTGTGATGTACAGCTCGGGACTAGTCA
 GACTCTACAGCTTCCAAGCCATCATTGAACAGTTCATGCAACAGAAAACCTGACTTAGGGTGTGCATGCAG
 TCAGGGCGGGACTACTGGGACTGTAGGAGAGGCTCCTTTTGGCATTCTTGTAAATGTTAAAAACACAGAC
 TCACCACCTCCACTCTTTGAAGTTTCACTCTGGAGAACGCATCCAGATCGGAGGCCATCCTTGGCACT
 ACATCATCACGCCTAATAAGAAGAAACAGAAAGGAGTTTTTCAATTTGTGCCCTAAAAGATAATTCCTT
 GGCAAAAAATGGAATCCAAGAAATGGAGTGTCTTATTAGAACTGACTGGATCTATTTCCACCCTGAT
 GCTTCTGGAAGAATAATACATGTTGGCCAAACCAAGTCAAAGTCTTGAAGCTAAGTGAGGTAGAAAATG
 ATAGTTCTCAGCATCAGATCTCTGAAGATTTTGTCAATTTGGGCTAAAAGAGAAGACAGAAAGGAAAATTT
 AATCACCGTTACAGCTTCTGGACGTGTGGTGAAGAAATGTCAGCCTTCTGGATGATGACCCAGAACAA
 GAGACTTTCAAAATCGTGGACTATGAAGATGAGTTGGACTTGCTTTCCGTAGTAGCTGCTCAATAG
 ATGCTGAAGGAAAAGCTCACCTGGATTTCCACTGTAATGAGTATGGAACCTTACTCAAAGCATCCCACT
 AGTGGAATCATGGGATGTGGTATGTATAATGTCTGGGACACTAAGTTGTAAGGGTTTCTTTACAGGTGC
 CATTTATTAGACCATGTCCATATCAGTCCAGATTCACCTGTGCTG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>MR208126 protein sequence
 Red=Cloning site Green=Tags(s)

MGRTRKANVCRRLSRRALGFYARDAGVQRTNLGILRALVCQESTKFKNVWTHSKSPIAYERGRIYFDN
 YRCCVSSVASEPRKLYEMPKCSKSEKIEDALLWECVGDILPDPSDYKSSLIALTAHNWLLRISATTGEV
 LEKIYLASYCKFRYLSWDTPQEVIAVKSQNKGSAAARQAGTSPVLLYLAVFRVLPFSLVIGILEINKKV
 FENVTDATLSHGILIVMYSSGLVRLYSFQAIIEQFMQKLDLGCACSQGGTTGTVGEAPFGIPC�VKITD
 SPPPLFEVSSLENAFQIGGHPWHYIITPNKKKQKGVFHICALKDNLSAKNGIQEMECCSLESWDIYFHPD
 ASGRIIHVGNQVKVLKSEVENDSSQHQISEDFVIWAKREDRKENLITVTASGRVVKRNVSLDDDDPEQ
 ETFKIVDYEDLDLLSVVAVTQIDAEGKAHLDFHCNEYGTLLKSIPLVESWDVVCIMSGTSLCKGFLYRC
 HLLDHVHISPDPVL

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites:

Sgfl-Mlul

Cloning Scheme:



ACCN: NM_198005

ORF Size: 1518 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_198005.1](#), [NP_932122.1](#)

RefSeq Size: 1811 bp

RefSeq ORF: 1518 bp

Locus ID: 75763

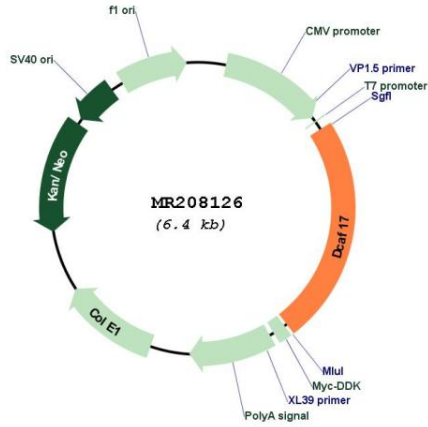
UniProt ID: [Q3TUL7](#)

Cytogenetics: 2 C2

MW: 56.5 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 MR208126