

Product datasheet for **MR208732**

Dcaf11 (NM_133734) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Dcaf11 (NM_133734) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Dcaf11
Synonyms:	0710008A13Rik; C76035; D14Ucla1; Dacf11; GLO14; Wdr23
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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ORF Nucleotide Sequence:

>MR208732 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGGATCACGGAACAGCAGCAGCGCCGGATCCGGGTCCTTAGAACCTCTGAGGGCTTGCCGAAGAG
 GGACTGGCCTGCGTCGTAGTGAGGAAGAGGAAGAAGAGGATGAAGATGTGGATCTGGCCAGGACTGCG
 CTATCTCTCCGACAGAGGCCAAGTGAGACTGGTCAAGGAAGAGGTGCAGCAAATTTACAGCTCATCCAG
 GCCCTCTCGGACTCAGAGGAAGAGCATGACAGTGCCTGGGATGGTGCCTTGGAGATCGATAAACCAC
 CCGTGGATGCGACCCCGACACCCGGGAGCTGGAATAACAATGAGATCAAGACACAGGTGGGATTGGCCAC
 GGGGCGGTGGGACTTCGGAGGACTGCGCTGCAGCAGAGTTTTCCGCAGATGTTACACCAGAGAGAACGG
 GGCCTCTGCCACCGGGAAGCTTCTCCCTGGAGAACAGTCTCGAGTGATGTCTCACTTCTGCCAATG
 ATCTAAGCTTCACTGATACCTACTCTCAGAAGGCTTTCTGCGGCATCTACAGCAAAGATGGTCAAATCTT
 CATGTCTGCTTGCCAAGATCAGACGATCCGACTGTACGACTGTGCTATGGCCGATTCCACAAGTTCAAA
 AGCATCAAGGCTCGGGATGTAGGCTGGAGTGTCTGGACGTGGCCTTACCCCTGATGGAACCCTTCC
 TGTACTCCAGCTGGTCTGACTACATTCATATCTGCAACATCTATGGGGAAGGAGACACATACTGCCCT
 GGATTTAAGGCCAGATGAACGTCGCTTTGCTGTCTTCCATCGCAGTCTCCTCAGATGGACGAGAAGTA
 CTAGGAGGAGCCAATGATGGCTGCCTATATGTCTTTGACCGAGAACAACCCGGGCTACTCTCAGATCG
 AGTCTCATGAGGACGATGTGAATGCAGTGGCCTTTGCTGACATAAGCTCCCAAATCTGTCTCTGGGG
 AGACGATGCCATCTGCAAAGTGTGGGATCGACGAACCATGAGGGAGGATGATCCCAAGCCTGTGGGTGCA
 CTGGCCGGGACACAGGATGGCATCACCTTTATTGACAGTAAGGGTGTATGCCCGGTACCTCATCTCCA
 CCAAAGATCAGACCATTAAGCTTTGGGATATCAGGCGCTTTCCAGCCGAGAAGGCATGGAAGCATCAG
 ACTGGCTGCCACACAGCAAAACTGGGACTATCGCTGGCAGCAGGTGCCCAAGATTGCCTGGAAGAAGTTG
 AAGCTCCAGGTGACAGCTCCTTGATGACCTACAGAGGCCATGGAGTGTTCACACTCTGATCCGATGCC
 GATTCTCCCAGCCACAGCACCAGGCGCAGTTCATCTACAGTGGCTGCTACTGGCAAAGTGGTTGT
 ATATGACCTTTGAGCGGCCACATTGTTAAGAAGCTGACCAATCACAAGGCCTGTGTGCGTGATGTCAGT
 TGGCATCCCTTTGAAGAAAAGATTGTCAGCAGTTCGTGGGATGGGAACCTACGCTGTGGCAGTACCGCC
 AAGCTGAGTACTCCAGGATGACATGCCAGAGTCTGACATGAACAGAGTCTGTTCCAGTGGCCCTACTCC
 AGTGCCCTGCCCATCTGTGGCCTTTCTCACCTCAG

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>MR208732 protein sequence
 Red=Cloning site Green=Tags(s)

MGRNSSSAGSGSLEPSEGLSRRGTGLRRSEEEEEDEDVDLAQVLYLLRRGQVRLVQGRGAANLQLIQ
 ALSDSEEEHDSAWDGRLGDRYNPPVDATPDRTRELEYNEIKTQVGLATGRLGLRRTALQQSFPQMLHQRER
 GLCHRGSFSLGEQSRVMSHFLPNLDFDTYSQKAFCGIYSKDQIFMSACQDQTIKLYDCRYGRFHFKF
 SIKARDVGWSVLDVAFTPDGNHFLYSSWSYIHCNIYGEEDTHTALDLRPDERRFAVFSIAVSSDGREV
 LGGANDGCLYVFDREQRRLTQIESHEDDVNAFAFADISSQILFSGDDAICKVWDRRTMREDDPKPVGA
 LAGHQDGIITFIDSKGDARYLISNSKDQTIKLWDIRRFSSREGMEASRLAATQQNWDYRWQQVPKIAWKKL
 KLPGDSSLMTYRGHGVLHTLIRCRFSPAHTGQQFIYSGCSTGKVVVYDLLSGHIVKKL TNHKACVRDVS
 WHPFEEKIVSSSWDGNLRLWQYRQAEYFQDDMPESDMNRVCSSGPTPVPCPSVAFSSPQ

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites:

Sgfl-MluI

Cloning Scheme:


ACCN: NM_133734

ORF Size: 1650 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_133734.1](#)

RefSeq Size: 2515 bp

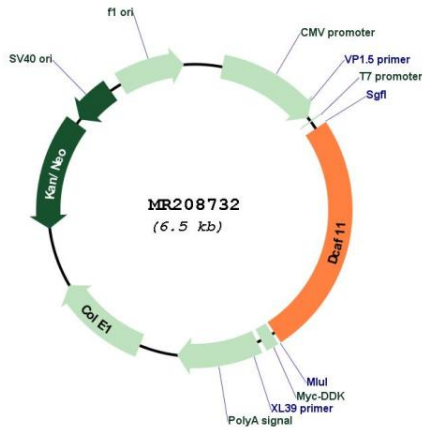
RefSeq ORF: 1650 bp

Locus ID: 28199

UniProt ID: [Q91VU6](#)

Cytogenetics: 14 28.19 cM
MW: 62 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 MR208732