

Product datasheet for **MG208732**

Dcaf11 (NM_133734) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Dcaf11 (NM_133734) Mouse Tagged ORF Clone
Tag:	TurboGFP
Symbol:	Dcaf11
Synonyms:	0710008A13Rik; C76035; D14Ucla1; Dacf11; GLO14; Wdr23
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)



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ORF Nucleotide Sequence:

>MG208732 representing NM_133734
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGGATCACGGAACAGCAGCAGCGCCGGATCCGGTCTTGAACCCTCTGAGGGCTTGCCGAAGAG
 GGACTGGCCTGCGTCGTAGTGAGGAAGAGGAAGAAGAGGATGAAGATGTGGATCTGGCCAGGACTGGC
 CTATCTCTCCGAGAGGCCAAGTGAGACTGGTCAAGGAAGAGGTGCAGCAAATTTACAGCTCATCCAG
 GCCCTCTCGGACTCAGAGGAAGAGCATGACAGTGCCTGGGATGGTGCCTTGGAGATCGATAAACCAC
 CCGTGGATGCGACCCCGACACCCGGGAGCTGGAATAACAATGAGATCAAGACACAGGTGGGATTGGCCAC
 GGGGCGGTGGGACTTCCGAGGACTGCGCTGCAGCAGAGTTTTCCGAGATGTTACACCAGAGAGAACGG
 GGCCTCTGCCACCGGGAAGCTTCTCCCTGGAGAACAGTCTCGAGTGATGTCTCACTTCTGCCAATG
 ATCTAAGCTTCACTGATACCTACTCTCAGAAGGCTTTCTGCGGCATCTACAGCAAAGATGGTCAAATCTT
 CATGTCTGCTTGCCAAGATCAGACGATCCGACTGTACGACTGTGCTATGGCCGATTCCACAAGTTCAA
 AGCATCAAGGCTCGGGATGTAGGCTGGAGTGTCTGGACGTGGCCTTACCCCTGATGGAACCCTTCC
 TGTACTCCAGCTGGTCTGACTACATTCATATCTGCAACATCTATGGGGAAGGAGACACATACTGCCCT
 GGATTTAAGGCCAGATGAACGTCGCTTTGCTGTCTTCCATCGCAGTCTCCTCAGATGGACGAGAAGTA
 CTAGGAGGAGCCAATGATGGCTGCCTATATGTCTTTGACCGAGAACAACCCGGCGTACTCTCAGATCG
 AGTCTCATGAGGACGATGTGAATGCAGTGGCCTTTGCTGACATAAGCTCCCAAATCCTGTCTCTGGGG
 AGACGATGCCATCTGCAAAGTGTGGGATCGACGAACCATGAGGGAGGATGATCCCAAGCCTGTGGGTGCA
 CTGGCCGGGACCAGGATGGCATCACCTTTATTGACAGTAAGGGTGATGCCCGGTACCTCATCTCCA
 CCAAAGATCAGACCAATTAAGCTTTGGGATACAGGCGCTTTTCCAGCCGAGAAGGCATGGAAGCATCAG
 ACTGGCTGCCACACAGCAAACTGGGACTATCGCTGGCAGCAGGTGCCCAAGATTGCCTGGAAGAAGTTG
 AAGCTCCAGGTGACAGCTCCTTGATGACCTACAGAGGCCATGGAGTGTTCACTCTGATCCGATGCC
 GATTCTCCCAGCCACAGCACCAGCCAGCAGTTCATCTACAGTGGCTGCTACTGGCAAAGTGGTTGT
 ATATGACCTTTGAGCGGCCACATTGTTAAGAAGCTGACCAATCACAAGGCCTGTGTGCGTGATGTCAGT
 TGGCATCCCTTTGAAGAAAAGATTGTCAGCAGTTCGTGGGATGGGAACCTACGCTGTGGCAGTACCGCC
 AAGCTGAGTACTCCAGGATGACATGCCAGAGTCTGACATGAACAGAGTCTGTTCCAGTGGCCCTACTCC
 AGTGCCCTGCCCATCTGTGGCCTTTTCTCACCTCAG

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA

Protein Sequence:

>MG208732 representing NM_133734
 Red=Cloning site Green=Tags(s)

MGRNSSSAGSGSLEPSEGLSRRGTGLRRSEEEEEDEDVLAQVLYLRRGQVRLVQGRGAANLQLIQ
 ALSDSEEHDSAWDGR LGDRYNPVDPDTRELEYNEIKTQVGLATGRLGLRRTALQQSFPQMLHQRER
 GLCHRGSFSLGEQSRVMSHFLPNDFSFTDYSQKAFCGIYSKDQIFMSACQDQTI RLYDCRYGRFHFKF
 SIKARDVGWSVLDVAFTPDGNHFLYSSWSDYIHCNIYEGEDHTALDLRPDERRFAVFSIAVSSDGREV
 LGGANDGCLYVFDREQNRRLQIESHEDDVNAFAFADISSQILFSGGDDAICKVWDRRTMREDDPKPVGA
 LAGHQDGITFIDSKGDARYLISNSKDQTIKLWDIRRFSSREGMEASRLAATQQNWDYRWQVQPKIAWKKL
 KLPDSSLMTYRHHGVLHTLIRCRFSPAHTGQQFIYSGCSTGKVVVYDILLSGHIVKKL TNHKACVRDVS
 WHPFEEKIVSSSWDGNLRLWYRQAEYFQDDMPESDMNRVCSSGPTPVPCPSVAFSSPQ

TRTRPLE - GFP Tag - V

Restriction Sites:

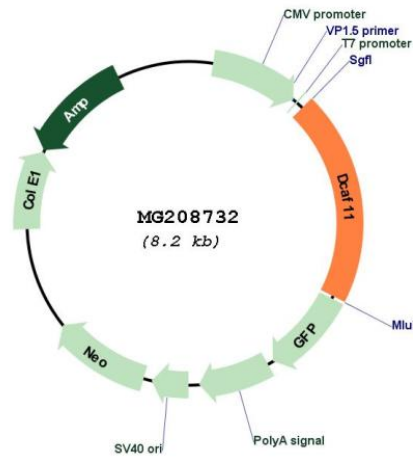
Sgfl-MluI

Cloning Scheme:

Cloning sites used for ORF Shutting:



Plasmid Map:



ACCN:	NM_133734
ORF Size:	1647 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_133734.1
RefSeq Size:	2515 bp
RefSeq ORF:	1650 bp
Locus ID:	28199
UniProt ID:	Q91VU6
Cytogenetics:	14 28.19 cM
Gene Summary:	May function as a substrate receptor for CUL4-DDB1 E3 ubiquitin-protein ligase complex. [UniProtKB/Swiss-Prot Function]