

Product datasheet for **MR209224**

Dcaf8 (NM_153555) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Tag:	Myc-DDK
Symbol:	Dcaf8
Synonyms:	AA408877; AA433120; AA792214; AU018973; C76055; D1Dau35e; D1Ucla4; H326; Wdr42a
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



ORF Nucleotide Sequence: >MR209224 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCGCGATCGCC

ATGTCCAATAACGTCCCAACACGACAGATGGGAGAACAGATTTAGCAAATGGAAGTCTGTCCAGCAGCC
 CAGAGGAGATGTCTGGAGCTGAAGAGGGGAGGAAACATCCTCAGGGATTGAAGTAGAGGCATCAGACCT
 GAGTCTCAGCTTGAAGTGGGATGACGGTGGCCCAACCGCACCAGCAGCGAAAGTCGTGGCAGACACACA
 GAGAGCTCAGGGGAAGAAAAGGACTCTGACAGCATGGAGGACACGGGCCATTATTCCATCAATGATGAAA
 GCCGAGGTGATGGCCACTCAGACGAAGAGGACGAGGAACAACCTCGGCACCGTGGACAGCGCAACCGGC
 CAGCCGTGACCAAGGACTCGTCAGATGATGAGCGAGCCCTGGAAGACTGGGTATCTTCAGAGACAACAGCC
 TTACCCCGACCTCGCTGCAAGCCCTTCTGCGCTTCGGGAGCGGGAAGTGGGTTCCAGTGCCCGCTTTG
 TGTACGAGGCTTGTGGAGCTAGAGTCTTTGTACAGCGTTTCCGTTTGCAGCACGGGCTTGAGGGCCATAC
 TGGTTGTGTAATACCTTGCACTTTAACCAGCGTGGTACCTGGCTGGCCAGTGGCAGTGATGACCTGAAG
 GTGGTGGTGTGGGATTGGGTGCGGCGCAGCCAGTACTGGACTTTGAGAGTGGCCACAAAAGTAATGTCT
 TCCAGGCCAAGTTCCTTCTAACAGTGGTGAATCCACCTGGCTATGTGTGCCCGGATGGACAGGTCCG
 AGTCGAGAGCTGTCTGCTACACAGTGTGCAAGAACACCAAGCGTGTGGCCAGCACAAGGGGGCATCT
 CACAAGTTGGCCCTAGAACAGACTCCCTGCAAGTTCCTGTCAGCTGGTGGGATGCCGTCGCTTCA
 CCATTGACCTGAGACAAGACCGGCCAGCTTCGAAACTAGTGGTGACAAAAGAGAAGGAGAAGAAAGTGGG
 GCTGTATACAATCTATGTGAACCTGCCAATACCCACAGTTTGCAGTGGGTGGAAGAGATCAGTATGTA
 AGGATTTATGACCAGAGGAAAATTGATGAGAATGAGAACAACGGAGTCTGAAAAAATCTGTCTCTCACC
 ACTTGGTGAACAGTGAGTCCAAAGCAAACATCACCTGTCTTGTGTACAGCCACGACGGCACAGAGCTCCT
 GGCCAGTTACAATGATGAAGACATTTACCTTTTCAACTCTTCTCACAGTGATGGGGCCAGTATATTAAG
 AGATACAAAGGCCATAGAAATAATGCTACAGTAAAGGCGTCAATTTCTATGGCCCCAAGAGTGAGTTTG
 TGGTGAGCGGTAGTGACTGCGGGCACATCTTCTCTGGGAGAAGTCATCTTGCAGATTATTCAGTTTCAT
 GGAAGGGGACAAGGAGGTGTGGTAACTGTCTTGAGCCCCATCCTCATCTGCCTGTTTGGCAACCAAGT
 GGCCTAGACCATGATGTGAAGATCTGGGCGCCGACAGCTGAAGCTTCCACTGAGCTGACAGGGTTAAAGG
 AAGTGATCAAGAAGAACAAGCGAGAGCGGGATGAAGACAGCTTGACCCACACTGATCTGTTTGATAGTCA
 CATGCTGTGGTTCTTATGCATCACCTGAGACAGAGACGCCATCATCGGCGCTGGCGAGAACCTGGGGTT
 GGGGCCACAGATGCAGACTCTGATGAGTCTCCAGCTCCTCAGACATCCGACGAGGAGGAGGGCCCTG
 ACCGGGTGCAAGTGCATGCCATCC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >MR209224 protein sequence
 Red=Cloning site Green=Tags(s)

MSNKRPNNTDGRDGLANGSLSSPEEMSGAEEGRETSSGIEVEASDLSLSLTGDGGPNRTSTESRGTD
 ESSGEEKSDSMEDTGHYSINDESRGHGHSDEEDEEQPRHRGQRKRASRDQDSSDDERALEDWVSSETTA
 LPRPRWQALPALRERELGSSARFVVEACGARVFVQRFRLQHGLEHTGCVNTLHFNQRGTWLASGSDDLK
 VVVWDWVRRQPVLDVESGHKSNVFAQFLPNSGDSTLAMCARDGQVRAELSATQCKNTRVAQHKGAS
 HKLALPEPDSPTFLSAGEDAVVFTIDLRQDRPASKLVVTKKEKKVGLYTIYVNPANTHQFAVGGRDQYV
 RIYDQRKIDENENNGVLKKFCPHLVNSESKANITCLVYSHDTELLASYNDEDIYLFNSSHSDGAQYIK
 RYKGRNNATVKGVNFYGPKEFVVSQSDCGHIFLWEKSSCQIIQFMEDKGGVVNCLPHEPHLPVLATS
 GLDHDVQKIWAPTAEASTELTGLKEVIKKNKREDEDSLHHTDLFDSHMLWFLMHHLRQRHRRHRRREPVG
 GATDADSDESPSSSDTSDEEEGPDVQCMPS

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: NM_153555

ORF Size: 1773 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:

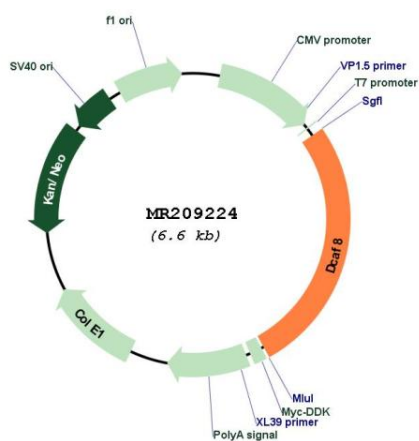
1. Centrifuge at 5,000xg for 5min.
2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.
3. Close the tube and incubate for 10 minutes at room temperature.
4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.
5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.

Note: Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.

RefSeq: [NM_153555.1](#), [NP_705783.1](#)

RefSeq Size:	3760 bp
RefSeq ORF:	1776 bp
Locus ID:	98193
UniProt ID:	Q8N7N5
Cytogenetics:	179.54 cM
MW:	66 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 MR209224