

Product datasheet for **RN209296**

Dcaf8 (NM_001014231) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Dcaf8 (NM_001014231) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Dcaf8
Synonyms:	RGD1308513; Wdr42a
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >RN209296 representing NM_001014231
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGTCCAGTAAAAGGCCAGCACAGATGGGAGAAGAGACTTGGCTAACGGAAGCCTGTCTAGCAGTCCAG
 AAGAAATGTCTGGAGCTGAAGAAGGGAGGAAACATCTTCGGGGATTGAAGTAGAGGCCTCAGACCTGAG
 TTTGAGCTTGACTGGGACGATGGTGGCCCAACCGCACCAGCACAGAAAGTCGTGGCACAGACACAGAG
 AGCTCAGGTGAAGAAAAGGACTCTGACAGCATGGAGGACACAGGCCATTATTCCATCAACGATGAAAACC
 GAGTTCACGGCCACTCAGATGAAGAGGAGGAGGAGCAACCTCGGCACCGAGTCCAGCGCAAACGGGC
 CAGCCGTGACCAGGACTCATCAGATGATGAGCGAGCCCTGGAAGACTGGGTATCTTCAGAGACAACAGCT
 TTACCCCGGCCTCGCTGGCAAGCCCTTCTGCCCTTCGGGAGCGGGAATTGGGTTCAAGTGCCCGCTTTG
 TGTATGAGGCTTGTGGAGCAAGAGTCTTTGTACAGCGTTTCCGCCTGCAGCATGGGCTTGAGGGCCATAC
 AGGTTGTGTCAATACTTTGCACTTTAACCAGCGTGGCACCTGGCTGGCCAGTGGCAGTGATGACCTGAAG
 GTGGTAGTGTGGGATTGGGTGCGGCGGCAGCCGTAAGTGGACTTTGAGAGTGGCCACAAAAGTAATGTCT
 TCCAGGCCAAGTTCCTTCTTAACAGTGGTGAAGTCCACCCTGGCTATGTGTGCCCGGGATGGGCAGGTCCG
 AGTCGCAAGTGTCTGTACACAGTGTGCAAGAACCAAGCGTGTGGCCAGCACAAAGGAGCATCC
 CACAAGTTGGCCCTAGAACCAGACTCTCCCTGCACGTTCTGTGCGGTGGTGAAGATGCCGTTGTCTTCA
 CCATCGACCTAAGACAAGACCGGCCAGCTTCGAAACTGGTGGTGACAAAGGAGAAGGAGAAGAAAGTGGG
 GCTGTATACAATCTACGTGAACCTGCCAATACCCACAGTTTGAGTGGGTGGACGCGATCAGTTTGT
 AGGATTTATGACCAGAGGAAAATTGATGAGAATGAGAACATGGTGTCTGAAAAAATCTGTCTCACC
 ACTTGGTGAACAGTGAGTCCAAAGCAAACATCACCTGTCTGTGTACAGCCACGACGGCACAGAGCTCCT
 GGCCAGTTACAATGATGAAGACATTTACCTTTTCAACTCTTCTCACAGTATGGGGCCAGTATATTAAG
 AGATATAAAGGTCATAGAAATAATGCTACAGTAAAGGCGTCAATTTCTATGGCCCCAAGAGTGAGTTTG
 TGGTGAGCGGTAGTGAAGTGTGGTCAATCTTCTCTGGGAGAAGTCACTTGCCAGATCATTAGTTCAT
 GGAAGGGGACAAGGGAGGTGTGGTAAACTGTCTTGAGCCCCATCCTCACCTACCTGTTTTGGCAACCAGT
 GGCCTAGACCATGATGTGAAGATCTGGGCACCAACAGCAGAAGCCTCCACTGAGCTAACAGGGTTAAAGG
 ATGTGATCAAGAAGAACAAGCGAGAGCGGGATGAGGACAGCTTGATCACACTGACCTGTTTGATAGTCA
 CATGCTGTGGTTCCTTATGCACCACCTGAGACAGAGACGCCATCATCGGCGCTGGCGAGAACCTGGGGTT
 GGGGCCACAGATGCGGACTCTGATGAGTCTCCAGCTCCTCAGACACATCGGACGAGGAGGAGGGCCCTG
 ACCGGGTGCAGTGCATGCCATCC**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_001014231

Insert Size: 1776 bp

OTI Disclaimer: Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).

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:	<u>NM_001014231.1, NP_001014253.1</u>
RefSeq Size:	2952 bp
RefSeq ORF:	1776 bp
Locus ID:	364050
UniProt ID:	<u>Q5U2M6</u>
Cytogenetics:	13q24
Gene Summary:	May function as a substrate receptor for CUL4-DDB1 E3 ubiquitin-protein ligase complex. [UniProtKB/Swiss-Prot Function]