

Product datasheet for **RC209423**

DCAF12 (NM_015397) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	DCAF12 (NM_015397) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	DCAF12
Synonyms:	CT102; KIAA1892; TCC52; WDR40A
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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ORF Nucleotide Sequence:

>RC209423 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGGCCCCGAAAGTAGTTAGCAGGAAGCGGAAAGCGCCCGCTCGCCGGGAGCTGGGAGCGACGCTCAGG
 GCCCGCAGTTTGCTGGGATCACTCGCTTCACAAAAGGAAAAGACTTCTCCTGTGAAGAGATCCTTAGT
 ATACTACTTGAAGAACCAGGGAAGTCAGGCTACAGAATGAAACCAGCTACTCTCGAGTGTTGCATGTTTAT
 GCAGCACAGCAACTTCCAGTCTCCTGAAGGAGAGAGAGTTTACCTTGGGACCCCTAATAAAGTGTGTTG
 CATCTCAGTGGTTGAATCATAGGCAAGTGGTGTGTGGCACAAAATGCAACACGCTATTTGTCGTAGATGT
 CCAGACAAGCCAGATACCAAGATCCCCATTCTGAAAGACCAGGAGCCTGGAGGTGTGACCCAGCAGGGC
 TGTGGTATCCATGCCATCGAGCTGAATCCTTCTAGAACACTGCTAGCCACTGGAGGAGACAACCCCAACA
 GTCTTGCCATCTATCGACTACCTACGCTGGATCCTGTGTGTAGGAGATGATGGACACAAGGACTGGAT
 CTTTTCCATCGCATGGATCAGCGACACTATGGCAGTGTCTGGCTCACGTGATGGTTCTATGGGACTCTGG
 GAGGTGACAGATGATGTTTTGACCAAAAGTGATGCGAGACACAATGTGTACGGGTCCTGTGTATGCAC
 ACATCACTCACAAGGCCCTAAAGGACATCCCCAAGAAGACACAACCCCTGACAACCTGCAAGGTTCCGGC
 TCTGGCCTTCAACAACAAGAACAAGGAAGTGGGAGCAGTGTCTCTGGATGGCTACTTTCTCTCTGGAAG
 GCTGAAAATACACTATCTAAGCTCCTCTCCACCAAAGTCCATATTGCCGTGAGAATGTGTGTCTGGCTT
 ATGGTAGTGAATGGTCAGTTTATGCAGTGGGCTCCCAAGCTCATGTCTCCTTCTTGGATCCACGGCAGCC
 ATCATACAACGTCAAGTCTGTCTGTTCCAGGGAGCGAGGAGTGGAAATCCGGTCAGTGAGTTTCTACGAG
 CACATCACTACTGTGGGAACAGGGCAGGGCTCCCTGCTGTTCTATGACATCCGAGCTCAGAGATTTCTGG
 AAGAGAGGCTCTCAGCTTGTATGGGTCGAAGCCAGACTAGCAGGGGAGAATCTGAAACTAACCCTGG
 CAAAGGCTGGCTGAATCATGATGAAACCTGGAGGAATTACTTTTCAGACATTGACTTCTTCCCAATGCT
 GTTTACCCCACTGCTACGACTCGTCTGGAACGAAACTCTTTGTGGCAGGAGTCCCTCCCTTCAGGGC
 TCCATGGAACACTATGCTGGGCTCTGGAGT

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC209423 protein sequence
 Red=Cloning site Green=Tags(s)

MARKVVSRRKAPASPGAGSDAQGPQFGWDHSLHKRRLPPVKRSLVYYLKNREVRVLRNETSYSRVLHGY
 AAQQLPSSLKEREFLGTLNKFASQWLNHRQVVCCKNTLFVVDVQTSQITKIPILKQEPGGVTQQG
 CGIHAIELNPSRLLATGGDNPNLSAIYRLPTLDPVCGDDGHKDWIFSIAWISDTMAVSGSRDGSMLW
 EVTDDVLTKSDARHNVSVPVYAHITHKALDIPKEDTNPDNCKVRALAFNKNKELGAVSLDGYFHLWK
 AENTLSKLLSTKLPYCRENVCLAYGSEWSVYAVGSQAHVSFLDPRQPSYVKSVCVSRERGSIRSVFYE
 HIITVGTGQGSLLFYDIRAQRFLERLSACYGSKPRLAGENLKLTTGKGLNHDETWRNYFSDIDFFPNA
 VYTHCYDSSGTLKFVAGGPLPSGLHGNYAGLWS

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Chromatograms:

https://cdn.origene.com/chromatograms/mk6527_d09.zip

Restriction Sites:

Sgfl-Mlul

UniProt ID: [Q5T6F0](#)

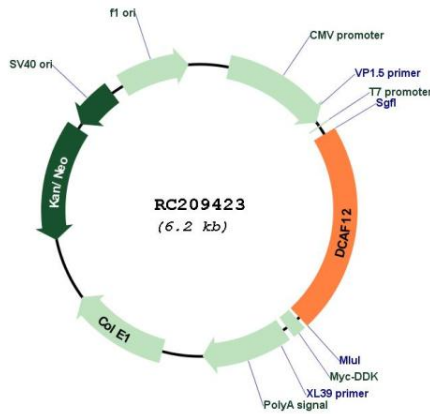
Cytogenetics: 9p13.3

Domains: WD40

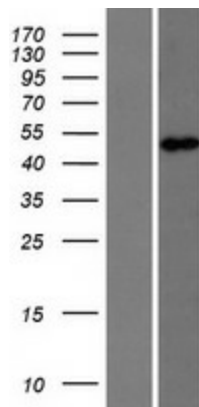
MW: 50.5 kDa

Gene Summary: This gene encodes a WD repeat-containing protein that interacts with the COP9 signalosome, a macromolecular complex that interacts with cullin-RING E3 ligases and regulates their activity by hydrolyzing cullin-Nedd8 conjugates. [provided by RefSeq, Jul 2009]

Product images:



Circular map for RC209423



Western blot validation of overexpression lysate (Cat# [LY414567]) using anti-DDK antibody (Cat# [TA50011-100]). Left: Cell lysates from untransfected HEK293T cells; Right: Cell lysates from HEK293T cells transfected with RC209423 using transfection reagent MegaTran 2.0 (Cat# [TT210002]).