

Product datasheet for **RC217868**

WDR1 (NM_005112) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	WDR1 (NM_005112) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	WDR1
Synonyms:	AIP1; HEL-S-52; NORI-1; PFITS
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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ORF Nucleotide Sequence:

>RC217868 representing NM_005112
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGCC**

ATGCCGTACGAGATCAAGAAGGTGTTCCGCAGCCTCCCGCAGGTGGAGAGGGGCTCTCCAAGATCATCG
 GCGGCGACCCTAAGGGCAACAATTTTCTGTACACCAATGGAAAGTGCATCCTAAGGAACATCGACGA
 CCACAGCCGCTTTGTCAACTGTGTGCGATTCTCTCCTGATGGAAACAGATTTGCCACAGCCAGTGTGAC
 GGCCAGATATACATCTATGACGGGAAGACTGGGGAGAAGGTGTGCGCGCTGGGCGGAAGCAAGGCCACG
 ACGGTGGGATTTACGCAATTAGTTGGAGTCCCAGCAGCACCCATTTGCTTTCTGCTTCTGGGACAAAAC
 TTCCAAGATTTGGGACGTGAGCGTGAACCCGTGGTCAACATTTCCCATGGGCTCCACGGTCTGGAC
 CAGCAGCTGGGCTGCCTATGGCAGAAGGACCCTGCTCAGTGTCTCCCTGTCCGGGTACATCAACTATC
 TGGACAGAAAACAACCCAGCAAGCCCTGCACGTCAAGGGTACAGTAAATCGATCCAGTGTCTGAC
 GGTGCATAAAAAACGGCGCAAGTCTACATTTACTCTGGGAGCCACGACGGACACATTAATTACTGGGAT
 TCAGAGACGGGGAGAACGACTCCTTCGCTGGGAAAGGCCACACGAACAGGTGTCCAGGATGACCGTGG
 ATGAGTCGGGGCAGCTCATCAGCTGCAGCATGGACGACACCGTCCGGTACACCAGCCTCATGCTCGGGGA
 CTACAGCGGACAAGGAGTTGTGAAACTGGACGTTAGCCAAAGTGCCTAGCCGTCGGCCCGGGGATAC
 GCCGTGGTGTGATTGGACAGATTGCTCCTGCTGAAGGATCAGAGGAAGTGCCTCAGCATCGACAACC
 CCGGCTACGAGCCGAAGTTGTGGCAGTGCACCCCGGGGGACACGGTGGCAATTGGGGGTGTGGACGG
 CAACGTCGCTGATTCCATCCTGGGCACACGCTGAAGGATGAGGGCAAGTCTAGAGGCCAAGGGC
 CCCGTGACCGACGTGGCCTACTCCACGACGGCGCCTTCTCGCGGTGTGCGACGCCAGCAAGGTGGTCA
 CAGTGTTCAGCGTTGCTGACGGTACTCGGAGAACAATGTTTTTTATGGACACCATGCAAAAATCGTCTG
 CCTGGCCTGGTCCCAGACAATGAACACTTTGCCTCCGGTGGCATGGACATGATGGTGTATGTTTGACC
 CTGAGTGACCCGAAACAGAGTCAAGATCCAAGATGCACACCGCTGCACCATGTCAGCAGCCTGGCCT
 GGCTGGACGAGCACAGCTGGTCAAGGAGTGGACAATCACCTAC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC217868 representing NM_005112
 Red=Cloning site Green=Tags(s)

MPYEIKKVFASLPQVERGVSKIIGGDPKGNFLYTNGKCVILRNIDDHSRFVNCVRFSPDGNRFATASAD
 GQIYIYDGKTGEKVCALGGSKAHDGGIYAIWSVDPSTHLLSASGDKTSKIWDVSVNSVSVTFPMGSTVLD
 QQLGCLWQKDHLISVLSGYINYLDNRNPSKPLHVIKGHSKSIQCLTVHKNGGKSYIYSGSHDGHINYWD
 SETGENDSFAGKGHTNQSRMTVDESGQLISCSMDDTVRYTSLMLRDYSGQGVVVKLDVQPKCVAVGPGGY
 AVVVCIGQIVLLKDRKCFSIDNPGYEPEVVAVHPGGDTVAIGGVDGNVRLYSILGTTLKDEGKLLLEAKG
 PVTDVAYSHDGAFLAVCDASKVVTVFVADGYSENNVFGHHAKIVCLAWSPDNEHFASGMDMMYYVWT
 LSDPETRVKIQDAHRLHHVSSLAWLDEHTLVTTSHDASVKEWTITY

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Chromatograms:

https://cdn.origene.com/chromatograms/mk8061_h07.zip

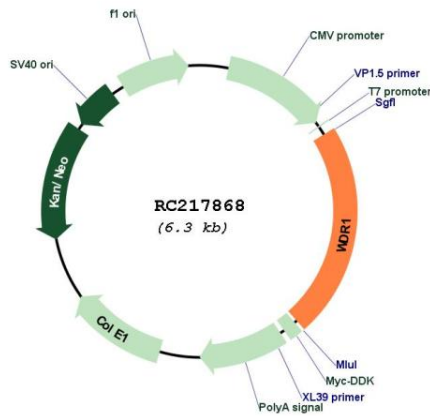
Restriction Sites:

Sgfl-Mlul

RefSeq: [NM_005112.5](#)
RefSeq Size: 2740 bp
RefSeq ORF: 1401 bp
Locus ID: 9948
UniProt ID: [O75083](#)
Cytogenetics: 4p16.1
Domains: WD40
MW: 50.5 kDa

Gene Summary: This gene encodes a protein containing 9 WD repeats. WD repeats are approximately 30- to 40-amino acid domains containing several conserved residues, mostly including a trp-asp at the C-terminal end. WD domains are involved in protein-protein interactions. The encoded protein may help induce the disassembly of actin filaments. Two transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Jul 2008]

Product images:



Circular map for RC217868