

Product datasheet for **RC200303A1V**

Human WDR1 (NM_017491) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human WDR1 (NM_017491) AAV Particle
Tag:	Myc-DDK
Symbol:	WDR1
Synonyms:	AIP1; HEL-S-52; NORI-1; PFITS
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC200303 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGCCGTACGAGATCAAGAAGGTGTTCCGCAGCCTCCCGCAGGTGGAGAGGGCGTCTCCAAGATCATCG
 GCGGCGACCCCTAAGGGCAACAATTTCTGTACACCAATGGAAAGTGCGTCATCCTAAGGAACATCGACAA
 CCCAGCCCTTGCTGACATCTACACAGAGCACGCCCATCAGGTGGTGGTGGCCAAGTATGCGCCCAGCGGA
 TTCTACATTGCCTCCGGAGATGTGTCTGGGAAGCTGAGGATCTGGGATACACGCAGAAGGAGCACCTGT
 TGAAGTATGAGTACCAGCCTTTCTGCTGGGAAGATCAAAGACATTGCTTGGACTGAAGACAGTAAGAGGAT
 CGCCGTGGTGGGGAAGGAAGGAGAAGTTTGGAGCAGTCTTCTCTGGGATAGTGGCTCTTCTGTGGGC
 GAGATTACAGGACACAACAAAGTCATCAACAGCGTGGACATCAAGCAGAGCCGGCCATACCGGCTGGCCA
 CGGGAAGCGATGATAACTGCGCGGCATTCTTTGAGGGACCCCATTCAGTTCAAGTTCACAATTGGCGA
 CCACAGCCGCTTTGTCAACTGTGTGCGATTCTCTCTGATGGGAACAGATTTGCCACAGCCAGTGCTGAC
 GGCCAGATATACATCTATGACGGGAAGACTGGGAGAAGGTGTGCGCGCTGGGCGGAAGCAAGGCCACG
 ACGGTGGGATTTACGCAATTAGTTGGAGTCCCGACAGCACCCATTTGCTTTCTGCTTCTGGGGACAAAAC
 TTCCAAGATTTGGGACGTGACGTGAACTCCGTGGTCAAGCATTTCCCATGGGCTCCACGGTCTGGAC
 CAGCAGTGGGCTGCCTATGGCAGAAGGACCACCTGCTCAGTGTCTCCCTGTCCGGGTACATCAACTATC
 TGGACAGAAACAACCCAGCAAGCCCTGCACGTATCAAGGGTCAAGTAAATCGATCCAGTGTCTGAC
 GGTGCATAAAACGGCGGCAAGTCTACATTTACTCTGGGAGCCACGACGGACACATTAATTACTGGGAT
 TCAGAGACGGGGGAGAACGACTCCTTCGCTGGGAAAGGCCACGAACAGGTGTCCAGGATGACCGTGG
 ATGAGTCGGGGCAGCTCATCAGTGCAGCATGGACGACACCGTGGGTACACAGCCTCATGCTGCGGGA
 CTACAGCGGACAAGGAGTTGTGAACTGGACGTTTACGCCAAAGTGCGTAGCCGTGCGCCCGGGGGATAC
 GCCGTGGTGTGTCATTGGACAGATTGTCTGCTGAAGGATCAGAGGAAGTGCTTCAGCATCGACAACC
 CCGGCTACGAGCCCAAGTTGTGGCAGTGCACCCCGCGGGGACACGGTGGCAATTGGGGGTGTGGACGG
 CAACGTCCGCTGTATTCCATCTGGGACACGTTGAAGGATGAGGGCAAGCTCTAGAGGCCAAGGGC
 CCCGTGACCGAGTGGCTACTCCACGACGGCGCTTCTCGCGGTGTGCGACGCCAGCAAGTGGTCA
 CAGTGTTCAGCGTTGCTGACGGTACTCGGAGAACAATGTTTTTATGGACACCATGCAAAAATCGTCTG
 CCTGGCCTGGTCCCAGACAATGAACACTTTGCCTCCGGTGGCATGGACATGATGGTGTATGTTGGACC
 CTGAGTGACCCGAAACAGAGTCAAGATCCAAGATGCACACCGGCTGCACCATGTCAGCAGCCTGGCCT
 GGCTGGACGAGCACGCTGGTACGACCTCCCATGATGCCTCTGTCAAGGAGTGGACAATCACCTAC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC200303 protein sequence
 Red=Cloning site Green=Tags(s)

MPYEIKKVFASLPQVERGVSKIIGDPKGNFLYTNGKCVILRNIDNPALADIYTEHAHQVVAKYAPSG
 FYIASGDVSGKLRIWDTTQKEHLLKYEYQPFAGKIKDIAWTEDSKRIAVVGEKREKFGAVFLWDSGSSVG
 EITGHNKVINSDIKQSRPYRLATGSDDNCAAFFEGPPFKFTIGDHSRNVNCFVSPDGNRFATASAD
 GQIYIYDGKTGEKVCALGSKAHDGGIYAIWSPDSTHLLSASGDKTSKIWDVSVNSVSTFPMGSTVLD
 QQLGCLWQKDHLISVLSGYINYLDRNNPSKPLHVIKHSKSIQCLTVHKNGGKSYIYSGSHDGHINYWD
 SETGENDSFAGKGHTNQVSRMTVDESGQLISCSMDDTVRYTSLMLRDYSQGQVVKLDVQPKCVAVGPGGY
 AVVVCIGQIVLLKDQKCFSIDNPGYEPEVAVHPGGDTVAIGGVDGNVRLYSILGTTLKDEGLLEAKG
 PVTDVAYSHDGAFLAVCDASKVVTVFVADGYSENNVFYGHAKIVCLAWSPDNEHFASGGMDDMMVYVWT
 LSDPETRVKIQDAHRLHHVSSLAWLDEHTLVTTSHDASVKEWTITY

TRTRPLE**QKL**ISEEDLAANDILDYKDDDDK**V**

Species:

Human

Serotype:	AAV-2
ACCN:	NM_017491
ORF Size:	1818 bp
Buffer:	PBS with 0.001% Pluronic F5039
Stability:	AAV is stable for 1 year when stored at -80°C (long-term storage) or 2-3 weeks when stored at -20°C (short-term storage). Thaw the vial of AAV on ice prior to use and keep it on ice during the experiment. Thawed AAV can be stored at 4°C for 1-2 weeks. Whenever possible, particles should be aliquoted into single use portions to avoid repeated freeze/thaw cycles. Please aliquot at least 10ul per tube and use low protein binding tubes to avoid loss of virus.
RefSeq:	<u>NM_017491.3</u>
RefSeq Size:	3160 bp
RefSeq ORF:	1821 bp
Locus ID:	9948
UniProt ID:	<u>O75083</u>
Cytogenetics:	4p16.1
MW:	66.2 kDa