

Product datasheet for **RC201700A1V**

Human RAD18 (NM_020165) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human RAD18 (NM_020165) AAV Particle
Tag:	Myc-DDK
Symbol:	RAD18
Synonyms:	RNF73
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC201700 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCCGCATCGCC

ATGGACTCCCTGGCCGAGTCTCGGTGGCCTCCGGGCTGGCAGTCATGAAGACAATAGATGATTTGCTGC
 GGTGTGGAATTTGCTTCGAGTATTTCAACATTGCAATGATAATACCTCAGTGTTACATAACTACTGCTC
 TCTCTGTATAAGAAAATTTCTGTCTATAAACTCAGTGTCCAACCTGCTGTGTGACTGTACAGAGCCG
 GATCTGAAAAATAACCGCATATTAGATGAAGTGGTAAAAAGCTTGAATTTGCACGGAATCATCTGCTGC
 AGTTTGTCTTAGAGTACCAGCCAAATCTCTGCTTCTTCTCTTCAAAGAATCTTGCTGTCAAAGTATA
 TACTCTGTAGCTCCAGACAGTCTTTAAAGCAGGGGAGCAGGTTAATGGATAATTTCTTGATCAGAGAA
 ATGAGTGGTTCTACATCAGAGTTGTTGATAAAAGAAAAAAAAGCAAATTCAGCCCTCAAAAAGAGGCGA
 GCCCTGCTGCAAAGACCAAGAGACACGTTCTGTAGAAGAGATCGCTCCAGATCCCTCAGAGGCTAAGCG
 TCCTGAGCCACCCTCGACATCCACTTTGAAACAAGTTACTAAAGTGGATTGTCTGTTTGCAGGGTTAAC
 ATTCCAGAAAGTCACATTAATAAGCATTAGACAGCTGTTTATCACGCGAAGAGAAGAAGGAAAGCCTCA
 GAAGTTCTGTTCAAAAAGGAAGCCGCTGCCAAAACTGTATATAATTTGCTCTCTGATCGTGATTTAA
 GAAAAAGCTAAAAGAGCATGGATTATCTATTCAAGGAAATAAACACAGCTCATTAAAGGCACCAAGAA
 TTTGTACACATGTACAATGCCCAATGCGATGCTTTGCATCCTAAATCAGTGTGAAATAGTTCAAGAAA
 TCGAAATATAGAGAAGACTAGGATGCGTCTTGAAGCTAGTAACTCAATGAAAGTGAATGGTTTTTAC
 AAAGGACCAACAGAAAAGGAAATAGATGAAATCCACAGTAAATATCGTAAAAACATAAGAGTGAATTT
 CAGCTTCTGGTGGATCAGGCTAGAAAAGGATACAAGAAAATTGCTGGAATGTCAAAAAACAGTAACAA
 TAACAAAAGAAGATGAATCTACAGAAAAGCTATCTTCTGTATGCATGGACAGGAAGATAATATGACCTC
 AGTAACAAACCCTTTTCTCAATCAAAGCTGGACTCCCCAGAGGAATTGGAACCTGACAGAGAAGAGGAT
 TCTTCTAGCTGTATTGATATTCAAGAAGTTCTTCTTCTCAGAAATCAGATTCATGCAATAGTTCCAGTT
 CAGACATCATAAGAGATCTTTTAGAAGAAGAGGAAGCCTGGGAAGCATCACATAAAAACGATCTTCAAGA
 CACAGAAATAAGTCCAAGACAGAATCGCCGCACAAGAGCCGCTGAAAGTGTGAGATTGAACCAAGAAAC
 AAGCGTAATAGGAAT

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC201700 protein sequence
 Red=Cloning site Green=Tags(s)

MDSLAESRWPPGLAVMKTIDLLRCGICFEYFNIAMIIPQCSHNYCSLCIRKFLSYKTQCPTCCVTVTEP
 DLKNNRILDEL VKSLNFARNHLLQFALESPAKSPASSSSKNLAVKVYTPVASRQSLKQGSRLMDNFLIRE
 MSGSTSELLIKENKSKFSPQKEASPAKTKETRSVEEIPDPSEAKRPEPPSTSTLKQVTKVDCPVCVGN
 IPESHINKHLD SCL SREEKKESLRSSVHKRPLPKTVYNLL SDRDLKKKLKEHGLSIQGNKQQLIKRHQE
 FVHMYNAQCDALHPKSAEIVQEIEENIEKTRMRLEASKLNE SVMVFTKDQTEKEIDEIHSKYRKKHKSEF
 QLLVDQARKGYKKIAGMSQKTVTITKEDESTEKLSSVCMGQEDNMTSVTNHFSQSKLDSPEELEPDREED
 SSSCIDIQEVLSSSESDSCNSSSSDIIRDLL EEEEEAWESHKNDLQDTEISPRQNRRTAAESAEIEPRN
 KRNRN

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:

AAV-2

ACCN:

NM_020165

ORF Size:

1485 bp

Buffer:	PBS with 0.001% Pluronic F68
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_020165.2, NP_064550.2</u>
RefSeq Size:	5739 bp
RefSeq ORF:	1488 bp
Locus ID:	56852
UniProt ID:	<u>Q9NS91</u>
Cytogenetics:	3p25.3
MW:	56.2 kDa