

Product datasheet for **RC201576A1V**

Human RAD1 (NM_133377) AAV Particle

Product data:

Product Type:	AAV Particles
Tag:	Myc-DDK
Symbol:	RAD1
Synonyms:	cell cycle checkpoint protein Hrad1; checkpoint control protein HRAD1; DNA repair exonuclease REC1; exonuclease homolog RAD1; HRAD1; OTTHUMP00000115992; RAD1 homolog; RAD1 homolog (S. pombe); Rad1-like DNA damage checkpoint; REC1; REC1, HRAD1
Mammalian Cell	None
Selection:	
Vector:	pAAV-AC-Myc-DDK (PS100089)
ORF Nucleotide Sequence:	>RC201576 ORF sequence Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGCCCTTCTGACCAACAGATCCAAGACGAGGATGATCAGTACAGCCTTGCGCCAGCCTTGACAACG
TTAGGAATCTCTCACTATCTTGAAAGCTATTCATTTCCGAGAACATGCCACGTGTTTCGCAACTAAAAA
TGGTATCAAAGTAACAGTGGAAGATGCAAGTGTGTGCAAGCAATGCTTTTATTAGGCTGGAATATTT
CAGGAGTTTAAAGTTCAGGAAGAGTCTGTACTTTTGAATTAATTTAACTGTCCTTTTAGACTGTTTAT
CTATTTTGGATCAAGTCTATGCCAGGGACTTTAACTGCACTTCGAATGTGTTACCAAGGTTATGGTTA
CCCTTTGATGCTGTTCTGGAAGAAGGAGGAGTGGTGACAGTCTGCAAAATCAATACACAGGAACCTGAG
GAGACCTGGACTTTGATTTCTGCAGCACCAATGTTATTAATAAAATTATTCTGCAGTCAGAGGGGCTCC
GTGAAGCATTTTCTGAATTGGATATGACGAGTGAAGTCTACAAATTACCATGTCTCCTGACAAGCCTTA
TTTCAGGTTATCTACTTTTGAAATGCAGGAAGTCCACCTTGACTATCCCAAGATTCTGATTTGATG
GAAGCATTTTCATTGTAATCAGACCCAAGTCAACAGATACAAGATTTCTTACTGAAACCCTCTACAAAGG
CATTAGTCCTATCTTGAAGGTATCTATTCGGACAGATAACAGAGGCTTCCTTTCATTACAGTATATGAT
TAGAAATGAAGATGGACAAATATGTTTGTGGAATATTACTGCTGCCCTGATGAAGAAGTTCCTGAATCT
GAGTCT

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



Protein Sequence:	>RC201576 protein sequence Red=Cloning site Green=Tags(s) MPLLTQQIQDEDDQYSLVASLDNVRNLSTILKAIHFREHATCFATKNGIKVTVENAKCVQANAFIQAGIF QEFKVQEEESVTRINLTVLLDCLSI FGSSPMPGTLTALRM CYQGYGYPLMLFLEEGGVTVCKINTQEPE ETLDFDFCSTNVINKIILQSEGLREAFSELDMTSEVLQITMSPDKPYFRLSTFGNAGSSHLDYPKDSLM EAFHCNQQTQVNRKYISLLKPSTKALVLSCKVSIRT DN RGFLSLQYMIRNEDGQICFVEYYCCPDEEVPE ES TRTRPLEQKLI SEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_133377
ORF Size:	846 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_133377.2, NP_596868.1</u>
RefSeq Size:	4765 bp
RefSeq ORF:	848 bp
Locus ID:	5810
Cytogenetics:	5p13.2
MW:	31.8 kDa