

Product datasheet for **RC200692A1V**

Human RAD51 (NM_133487) AAV Particle

Product data:

Product Type:	AAV Particles
Tag:	Myc-DDK
Symbol:	RAD51
Synonyms:	BRCC5; FANCR; HRAD51; HsRad51; HsT16930; MRMV2; RAD51A; RECA
Mammalian Cell	None
Selection:	
Vector:	pAAV-AC-Myc-DDK (PS100089)

ORF Nucleotide Sequence: >RC200692 ORF sequence
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGCATCGC**

ATGGCAATGCAGATGCAGCTTGAAGCAAATGCAGATACTTCAGTGGAGAAGAAAGCTTTGGCCACAAC
CCATTTACGGTTAGAGCAGTGTGGCATAAATGCCACGATGTGAAGAAATTGAAGAAGCTGGATTCCA
TACTGTGGAGGCTGTTGCCTATGCGCCAAAGAAGGAGCTAATAAATATTAAGGGAATTAGTGAAGCCAAA
GCTGATAAAATCTGGCAGTGGCTGAGAGGTATGGTCTCTCTGGCAGTGATGCTCTGGATAATGTAGCAT
ATGCTCGAGCGTTCAACACAGACCACCAGACCCAGCTCCTTTATCAAGCATCAGCCATGATGGTAGAATC
TAGGTATGCACTGCTTATTGTAGACAGTGCCACCGCCCTTTACAGAACAGACTACTCGGGTCGAGGTGAG
CTTTACGCCAGGCAGATGCACTTGGCCAGGTTTCTGCGGATGCTTCTGCGACTCGCTGATGAGTTTGGTG
TAGCAGTGGTAATCACTAATCAGGTGGTAGCTCAAGTGGATGGAGCAGCGATGTTTGCTGCTGATCCCAA
AAAACCTATTGGAGGAAATATCATCGCCCATGCATCAACAACCAGATTGTATCTGAGGAAAGGAAGAGGG
GAAACCAGAATCTGAAAATCTACGACTCTCCCTGTCTTCTGAAGCTGAAGCTATGTCGCCATTAATG
CAGATGGAGTGGGAGATGCCAAGAC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >RC200692 protein sequence
Red=Cloning site Green=Tags(s)

MAMQMQLLEANADTSVEESFGPQPISRLEQCGINANDVKLEEAGFHTVEAVAYAPKKELINIKGISEAK
ADKILAVAERYGLSGSDVLDNVAYARAFNTDHTQLLYQASAMMESRYALLIVDSATALYRTDYSGRGE
LSARQMHLARFLRMLRLADEFGVAVVITNQVVAQVDGAAMFAADPKPIGGNIIAHASTTRLYLKGRG
ETRICKIYDSPCLPEAEAMFAINADGVGDAKD

TRTRPLEQKLISEEDLAANDILDYKDDDDKV



Species:	Human
Serotype:	AAV-2
ACCN:	NM_133487
ORF Size:	726 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:	NM_133487.1 , NP_597994.1
RefSeq Size:	2302 bp
RefSeq ORF:	1023 bp
Locus ID:	5888
UniProt ID:	Q06609
Cytogenetics:	15q15.1
MW:	26.4 kDa