

Product datasheet for RC228212A1V

Human RAD51 (NM_001164270) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human RAD51 (NM_001164270) AAV Particle
Tag:	Myc-DDK
Symbol:	RAD51
Synonyms:	BRCC5; FANCR; HRAD51; HsRad51; HsT16930; MRMV2; RAD51A; RECA
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)
ORF Nucleotide Sequence:	>RC228212 representing NM_001164270 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGCAATGCAGATGCAGCTTGAAGCAAATGCAGATACTTCAGTGAAGAAGAAAGCTTTGGCCACAAC
CCATTTACGGTTAGAGCAGTGTGGCATAAATGCCAACGATGTGAAGAAATTGGAAGAAGCTGGATTCCA
TACTGTGGAGGCTGTTGCCTATGCGCCAAAGAAGGAGCTAATAAATATTAAGGGAATTAGTGAAGCCAAA
GCTGATAAAATCTGGCTGAGGCAGCTAAATTAGTTCCAATGGGTTTCACCACTGCAACTGAATTCACC
AAAGCGGTGAGAGATCATAAGATTACTACTGGCTCCAAAGAGCTTGACAACTACTTCAAGTGGGAAT
TGAGACTGGATCTATCACAGAAATGTTTGGAGAATTCGAACTGGGAAGACCCAGATCTGTCATACGCTA
GCTGTCACCTGCCAGCTTCCCATTGACCGGGTGGAGGTGAAGGAAAGGCCATGTACATTGACACTGAGG
GTACCTTTAGGCCAGAACGGCTGCTGGCAGTGGCTGAGAGGTATGGTCTCTGCGCAGTATGTCCTGGA
TAATGTAGCATATGCTCGAGCGTTCAACACAGACCACCAGACCCAGCTCCTTTATCAAGCATCAGCCATG
ATGGTAGAATCTAGGTATGCACTGCTTATTGTAGACAGTGCCACCGCCCTTACAGAACAGACTACTCGG
GTCGAGGTGAGCTTTCAGCCAGGCAGATGCACTTGGCCAGGTTTCTGCGGATGCTTCTGCGACTCGTGA
TGAGATTGTATCTGAGGAAAGGAAGAGGGGAAACCAGAATCTGCAAAATCTACGACTCTCCCTGTCTTCC

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence:	>RC228212 representing NM_001164270 Red=Cloning site Green=Tags(s) MAMQMQLLEANADTSVEEESFGPQPI SRLEQCGINANDVKKLEEAGFHTVEAVAYAPKKELINIKGISEAK ADKILAEAAKL VPMGFTTATEFHQRRSEIIQITTSKELDKLLQGGIETGSITEMFGEFRTGKTQICHTL AVTCQLPIDRGGGEGKAMYIDTEGTRPERLLAVAERYGLSGSDVLDNVAYARAFNTDHQTQLLYQASAM MVESRYALLIVDSATALYRTDYSGRGELSARQMHLARFLRMLRLADEIVSEERKRGQNQLQNLRLSLSS TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_001164270
ORF Size:	840 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_001164270.1
RefSeq ORF:	843 bp
Locus ID:	5888
UniProt ID:	Q06609
Cytogenetics:	15q15.1
MW:	30.8 kDa