

Product datasheet for **RC227311A1V**

Human RAD51D (NM_001142571) AAV Particle

Product data:

Product Type:	AAV Particles
Tag:	Myc-DDK
Symbol:	RAD51D
Synonyms:	BROVCA4; R51H3; RAD51L3; TRAD
Mammalian Cell	None
Selection:	
Vector:	pAAV-AC-Myc-DDK (PS100089)

ORF Nucleotide Sequence: >RC227311 representing NM_001142571
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGCATCGCC**

ATGGGCGTGCTCAGGGTCGGACTGTGCCCTGGCCTTACCGAGGAGATGATCCAGCTTCTCAGGAGCCACA
GGATCAAGACAGTGGTGGACCTGGTTTCTGCAGACCTGGAAGAGGTAGCTCAGAAATGTGGCTTGTCTTA
CAAGACATGGAGGGCGCACTCAAGTGGGAACCTGGGAGGACTGCAGCTGCCTCAGGTCCCCGCAGGGAGA
TCGTGGAGTGGGGTCAGGAATGCTCTGAAGAAGGCAGGACTTGGGCATGGAGGAACAGATGGACTTTCGC
TGAATGCTTTCGATGAACGAGGCACTGCGGTGAGCACTTACGTCTTGATAAACTGCTTGATGCTGGTCT
CTATACTGGAGAAGTACTGAAATTGTAGGAGGCCAGGTAGCGGCAAACTCAGGTATGTCTCTGTATG
GCAGCAAAATGTGGCCATGGCCTGCAGCAAAACGTCCTATATGTAGATTCCAATGGAGGGCTGACAGCTT
CCCGCCTCCTCAGCTGCTTCAGGCTAAAACCCAGGATGAGGAGGAACAGGCAGAAGCTCTCCGAGGAT
CCAGGTGGTGCATGCATTTGACATCTTCCAGATGCTGGATGTGCTGCAGGAGCTCCGAGGCACTGTGCC
CAGCAGGTGACTGGTTCTTCAGGAAGTGAAGGTGGTGGTGTGGACTCGGTCACTGCGGTGGTTTCCC
CACTTCTGGGAGGTGAGCAGAGGGAAGGCTTGGCCTTGATGATGCAGCTGGCCCGAGAGCTGAAGACCT
GGCCCGGGACCTTGGCATGGCAGTGGTGGTGACCAACCACATAACTCGAGACAGGGACAGCGGGAGGCTC
AAACCTGCCCTCGGACGCTCCTGGAGCTTTGTGCCAGCACTCGGATTCTCCTGGACACCATCGAGGGAG
CAGGAGCATCAGGCGCCGGCGCATGGCGTGTCTGGCCAAATCTTCCGACAGCCAACAGGTTTCCAGGA
GATGGTAGACATTGGGACCTGGGGACCTCAGAGCAGAGTGCCACATTACAGGGTGATCAGACA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



Protein Sequence:	>RC227311 representing NM_001142571 Red=Cloning site Green=Tags(s) MGVLRVGLCPGLTEEMIQLLRSHRIKTVVDLVSADLEEVAQKCGLSYKTWRAHSSGNLGGQLPQVPAGR SWSGVRNALKKAGLGHGGTDGLSLNAFDERGTAVSTSRDKLLDAGLYTGEVTEIVGGPGSGKTQVCLCM AANVAHGLQQNVLYVDSNGGLTASRLQLLQAKTQDEEEQAEALRRIQVVHAFDIFQMLDVLQELRGTV QQVTGSSGTVKVVVDSVTAVVSPLLGGQQREGLALMMQLARELKTARDLGMVAVVTNHITRDRDSGRL KPALGRSWSFVPSTRILLDTIEGAGASGGRRMACLAKSSRQPTGFQEMVDIGTWGTSEQSATLQGDQT TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_001142571
ORF Size:	1044 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_001142571.1</u>
RefSeq ORF:	1047 bp
Locus ID:	5892
UniProt ID:	<u>Q75771</u>
Cytogenetics:	17q12
MW:	36.8 kDa