

## Product datasheet for **RC222194A1V**

### Human RAD52 (NM\_134424) AAV Particle

#### Product data:

|                           |                                                                             |
|---------------------------|-----------------------------------------------------------------------------|
| Product Type:             | AAV Particles                                                               |
| Product Name:             | Human RAD52 (NM_134424) AAV Particle                                        |
| Tag:                      | Myc-DDK                                                                     |
| Symbol:                   | RAD52                                                                       |
| Mammalian Cell Selection: | None                                                                        |
| Vector:                   | pAAV-AC-Myc-DDK (PS100089)                                                  |
| ORF Nucleotide Sequence:  | >RC222194 representing NM_134424<br>Red=Cloning site Blue=ORF Green=Tags(s) |

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**GCGATCGCC**

ATGCTCTGGGACTGAGGAAGCAATTCTTGGAGGACGTGACAGCCATCCTGCTGCTGGCGGCGGCTCAGTGT  
TATGCTTTGGACAGTGCCAGTACACAGCAGAAGAGTACCAGGCCATCCAGAAGGCCCTGAGGCAGAGGCT  
GGGCCCAGAATACATAAGTAGCCGCATGGCTGGCGGAGGCCAGAAGGTGTGCTACATTGAGGGTCATCGG  
GTAATTAATCTGGCCAATGAGATGTTTGGTTACAATGGCTGGGCACACTCCATCACGCAGCAGAATGTGG  
ATTTTGTGACCTCAACAATGGCAAGTTCTACGTGGGAGTCTGTGCATTTGTGAGGGTCCAGCTGAAGGA  
TGGTTCATATCATGAAGATGTTGGTTATGGTGTAGTGAGGGCCTCAAGTCCAAGGCTTTATCTTTGGAG  
AAGGCAAGGAAGGAGGCGGTGACAGACGGGCTGAAGCGAGCCCTCAGGAGTTTGGGAATGCACTTGGA  
ACTGTATTCTGGACAAAGACTACCTGAGATCACTAAATAAGCTTCCACGCCAGTTGCCTCTTGAAGTGGA  
TTTAACATAAAGCGAAGAGACAAGATCTTGAACCGTCTGTGGAGGAGGCAAGATACAACAGCTGCCGACCG  
AACATGGCCCTGGGACACCCACAGCTGCAGCAGGTGACCTCCCCTTCCAGACCCAGCCATGCTGTGATAC  
CGGCGGACCAGGACTGCAGCTCCCGAAGCCTGAGCTCATCCGCCGTGGAGAGCGAGGCCACGCACCCAGCG  
GAAGCTCCGGCAGAAGCAGCTGCAGCAGCAGTTCCGGGAGCGGATGGAGAAGCAGCAGGTTGAGTCTCC  
ACGCCGTGAGTGAAGAGTGAGGCAGCGCCTCCGGCCCTCCTGTGACGCACAGCACTCCTGTAAGT  
TCTCAGAACCCTCCTGGAGAAAGACTTCCTTGCAAGAGTGACTCAAGAATTAATCAAGACTCTTGAAGA  
CAACTCTGAAAAGTGGGCTGTGACTCCCGATGCAGGGGATGGTGTGGTCAAGCCCTCGTCTAGAGCAGAC  
CCAGCCAGACCTCTGACACATTAGCCTTGAACAACAGATGGTGACCCAGAACAGGACTCCACACAGCG  
TTTGCCACCAGAAACCACAAGCAAAATCTGGATCTTGGGACCTCCAAACTTATAGCGCTGACCAACGCAC  
AACAGGAACTGGGAATCTCATAGGAAGAGCCAGGACATGAAGAAAAGGAAATATGATCCATCT

**ACGCGT**ACGCGGCGGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA



[View online »](#)

|                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|-------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Protein Sequence: | <p>&gt;RC222194 representing NM_134424</p> <p>Red=Cloning site Green=Tags(s)</p> <p>MSGTEEAILGGRDSHPAAGGGSVLCFGQCQYTAEEYQAIQKALRQRLGPEYISSRMAGGGQKVCYIEGHR<br/> VINLANEMFGYNGWAHSITQQNVDFVDLNNNGKFYVGCAFRVRLKDGSYHEDVGYGVSGLKSKALSLE<br/> KARKEAVTDGLKRALRSFGNALGNCILDKDYLRSLNKLPRQLPLEVDLTKAKRQDLEPSVEEARYNSCRP<br/> NMALGHPQLQQVTSPSRPSHAVIPADQDCSSRLSSSAVESEATHQRKLRQKQLQQQFRERMEKQQVVRVS<br/> TPSAEKSEAAPPAPPVTHSTPVTYSEPLLEKDFLAGVTQELIKTLEDNSEKWAVTPDAGDGVVVKPSSRAD<br/> PAQTSDTLALNNQMTQNRTPHSVCHQKPQAKSGSWDLQTYSDQRTTGNWESHRKSQDMKKRKYDPS</p> <p>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</p> |
| Species:          | Human                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Serotype:         | AAV-2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| ACCN:             | NM_134424                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| ORF Size:         | 1254 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:           | <a href="#">NM_134424.2</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| RefSeq Size:      | 2673 bp                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| RefSeq ORF:       | 1257 bp                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Locus ID:         | 5893                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| UniProt ID:       | <a href="#">P43351</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Cytogenetics:     | 12p13.33                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| MW:               | 46 kDa                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |