

## Product datasheet for **RC218029A1V**

### Human XRCC4 (NM\_022550) AAV Particle

#### Product data:

|                           |   |
|---------------------------|---|
| Product Type:             | AAV Particles   |
| Product Name:             | Human XRCC4 (NM_022550) AAV Particle  |
| Tag:                      | Myc-DDK   |
| Symbol:                   | XRCC4   |
| Synonyms:                 | SSMED   |
| Mammalian Cell Selection: | None  |
| Vector:                   | pAAV-AC-Myc-DDK (PS100089)  |
| ORF Nucleotide Sequence:  | >RC218029 representing NM_022550<br>Red=Cloning site Blue=ORF Green=Tags(s) |

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGGATCGCC**

ATGGAGAGAAAAATAAGCAGAATCCACCTTGTTCGAACCCAGTATAACTCATTTTCTACAAGTATCTT  
GGGAGAAAAACTGGAATCTGGTTTTGTATTACACTTACTGATGGTCATTGAGCATGGACTGGGACAGT  
TTCTGAATCAGAGATTTCCCAAGAAGCTGATGACATGGCAATGGAAAAAGGAAATATGTTGGTGAAGT  
AGAAAAGCATTGTTGTCAGGAGCAGGACCAGCTGATGTATACACGTTTAAATTTTCTAAAGAGTCTTGTT  
ATTTCTTCTTTGAGAAAAACCTGAAAGATGCTCATTGAGTGGTTCCTTCAACCTAGAGAAAGTTGA  
AAACCCAGCTGAAGTCATTAGAGAATTATTTGTTATTGCTTGGACACCATTGCAGAAAAATCAAGCCAAA  
AATGAGCACCTGCAGAAAGAAAATGAAAGGCTTCTGAGAGATTGGAATGATGTTCAAGGACGATTTGAAA  
AATGTGTGAGTGCTAAGGAAGCTTTGGAGACTGATCTTTATAAGCGGTTTATTCTGGTGTGAAAGAGAA  
GAAAACAAAAATCAGAAGTTTGCATAATAAATTATTAATGCAGCTCAAGAACGAGAAAAAGGACATCAA  
CAAGAAGGGGAACTGCAATCTGTTCTGAAATGACTGCTGACCGAGATCCAGTCTATGATGAGAGTACTG  
ATGAGGAAAGTAAAACCAAAGTATCTCTGGGTTGGCTTCAGCTGCTGTAAGTAAAGATGATCCAT  
TATTTCAAGTCTTGATGTCAGTATGACCAAGTAGAAAAAGGAGACAGCGAATGCAAGAAATCTT  
GGGACAGAACCTAAAATGGCTCCTCAGGAGAATCAGCTTCAAGAAAAGGAAAATCTAGGCTGATCTT  
CACTACCTGAGACGTCTAAAAAGGAGCACATCTCAGCTGAAAACATGTCTTTAGAACTCTGAGAAACAG  
CAGCCCAGAAGACCTCTTTGATGAGATT

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA



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**Protein Sequence:** >RC218029 representing NM\_022550  
 Red=Cloning site Green=Tags(s)

MERKISRHLVSEPSITHFLQVSWEKTLESGFVITLTDGHSAWTGTVSESEISQEADDMAMEKGKYVGEL  
 RKALLSGAGPADVYTFNFSKESCYFFFEKLNKDVSFRLGSFNLEKVENPAEVIRELICCYCLDTIAENQAK  
 NEHLQKENERLLRDWNDVQGRFEKCVSAKEALETDLYKRFILVLNEKTKIRSLHNKLLNAAQEREKDIK  
 QEGETAICSEMTADRDVPYDESTDEESENQTDLSGLASAAVSKDDSIISLSDVTDIAPSRKRRQRMQRNL  
 GTEPKMAPQENQLQEKENSRPDSSLPETSKEHISAENMSLETLRNSSPEDLFDEI

TRTRPLEQKLI SEEDLAANDILDYKDDDDKV

**Species:** Human

**Serotype:** AAV-2

**ACCN:** NM\_022550

**ORF Size:** 1008 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\\_022550.1](#)

**RefSeq Size:** 1707 bp

**RefSeq ORF:** 1005 bp

**Locus ID:** 7518

**UniProt ID:** [Q13426](#)

**Cytogenetics:** 5q14.2

**MW:** 37.9 kDa