

## Product datasheet for **RC208330A1V**

### Human XRCC2 (NM\_005431) AAV Particle

#### Product data:

**Product Type:** AAV Particles  
**Product Name:** Human XRCC2 (NM\_005431) AAV Particle  
**Tag:** Myc-DDK  
**Symbol:** XRCC2  
**Synonyms:** FANCU; POF17; SPGF50  
**Mammalian Cell Selection:** None  
**Vector:** pAAV-AC-Myc-DDK (PS100089)  
**ORF Nucleotide Sequence:** >RC208330 ORF sequence  
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGGATCGCC**

ATGTGTAGTGCCTTCCATAGGGCTGAGTCTGGGACCGAGCTCCTTGCCCGACTTGAAGGTAGAAGTTCCT  
TGAAAGAAATAGAACCAATCTGTTTGCTGATGAAGATCACCTGTGCATGGTGATATCTTGAATTTCA  
TGGCCCAAGGAACAGGAAAAACAGAAATGCTTTATCACCTAACAGCAGCATGTATACTTCCCAATCA  
GAAGGTGGCCTGGAAGTAGAAGTCTTATTTATTGATACAGATTACCACTTTGATATGCTCCGGCTAGTTA  
CAATCTTGAGCACAGACTATCCAAAGCTCTGAAGAAATAATCAAATACTGCCTGGGAAGATTTTTTTT  
GGTGTACTGCAGTAGTAGCACCCACTTACTTCTTACACTTTACTCACTAGAAAGTATGTTTTGTAGTCAC  
CCATCTCTCTGCCTTTTGATTTTGATAGCCTGTGAGCTTTTTACTGGATAGACCGCGTCAATGGAGGAG  
AAAGTGTGAACCTACAGGAGTCTACTCTGAGGAAATGTTCTCAGTGCTTAGAGAAGCTTGTAATGACTA  
TCGCCTGGTCTTTTTGCAACGACACAACTATAATGCAGAAAGCCTCGAGCTCATCAGAAGAACCCTTCT  
CATGCCTCTCGAGACTGTGTGATGTGGACATAGACTACAGACCTTATCTCTGTAAGGCATGGCAGCAAC  
TGGTGAAGCACAGGATGTTTTCTCAAACAAGATGATTCTCAAAGCAGCAACCAATTTTCATTAGTTTC  
ACGTTGTTTAAAAAGTAACAGTTTAAAAAACATTTTTTTATTATTGGAGAAAGTGGGGTGAATTTTGT

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA



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|                          |   |
|--------------------------|---|
| <b>Protein Sequence:</b> | >RC208330 protein sequence<br>Red=Cloning site Green=Tags(s)<br><br>MCSAFHRAESGTELLARLEGRSSLKEIEPNLFADEDSPVHGDILEFHGPEGTGKTEMLYHLTARCILPKS<br>EGGLEVEVLFIDTDYHFDMLRLVTILEHRLSQSSEEIIKYCLGRFFLVYCSSTHLLLTLYSLESMFCSH<br>PSLCLLILDLSAFYWIDRVNGGESVNLQESTLRKCSQCLEKLVNDYRLVLFATTQTIMQKASSSSEEPS<br>HASRRLCDVDIDYRPYLCKAWQQLVKHRMFFSKQDDSQSSNQFSLVSRCLKSNSLKKHFFIIGESGVEFC<br><br>TRTRPLEQKLISEEDLAANDILDYKDDDDKV   |
| <b>Species:</b>          | Human   |
| <b>Serotype:</b>         | AAV-2   |
| <b>ACCN:</b>             | NM_005431   |
| <b>ORF Size:</b>         | 840 bp  |
| <b>Buffer:</b>           | PBS with 0.001% Pluronic F68  |
| <b>Stability:</b>        | 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. |
| <b>RefSeq:</b>           | <u>NM_005431.1</u>  |
| <b>RefSeq Size:</b>      | 3094 bp   |
| <b>RefSeq ORF:</b>       | 843 bp  |
| <b>Locus ID:</b>         | 7516  |
| <b>UniProt ID:</b>       | <u>O43543</u>   |
| <b>Cytogenetics:</b>     | 7q36.1  |
| <b>MW:</b>               | 32 kDa  |