

## Product datasheet for **MR202365A1V**

### Mouse Xrcc3 (BC043073) AAV Particle

#### Product data:

**Product Type:** AAV Particles  
**Tag:** Myc-DDK  
**Symbol:** Xrcc3  
**Mammalian Cell** None  
**Selection:**  
**Vector:** pAAV-AC-Myc-DDK (PS100089)  
**ORF Nucleotide Sequence:** >MR202365 ORF sequence  
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCCGCGATCGCC

ATGGACTTGGATCAGCTGGACCTAAACCCCGAATTACTGCTGCGGTTAAGAGGGGCAGACTGAAGTCAG  
TGAAGGAGATTCTGTGCTACTCCGACCAGACTTGACGCGGCTCACCAGGCTGCCAGCCACGATGTGCA  
GTGCCTGCTGAGAGCTGCCTCTCTACACCTTCGGGGAAGCCGCTCCTCTCAGCACTGCATCTGTCCAG  
CAGAAGGAGAGCTTCCCTGAGCAGCATCAACGCCTGAGCCTAGGCTGCCCTGTCTGGATCAGTTCCTGG  
GTGGAGGCCTGCCCTGGAGGGCATCACTGGCCTGGCTGGCTGCAGCTCAGCAGGAAAGACCCAGCTGGC  
GCTACAGCTCTGCCTGGCTGTGCAATTCCCAAGACAATATGGAGGCCTAGAGGCCGGGGCTGTCTACATC  
TGCACAGAAGATGCCTTCCCCAGCAAGCGGCTGTGGCAGCTCATCGCGCAGCAGCGGAGGCTGCGGACAG  
ACGCGCCTGAGGAGCTGATCGAGAAGATCAGGTTTACGCAACCACATCTTCATTGAACACGCGGCCGACGT  
GCCCCATTTTCGTTGTGAGTTCCACCTTCAGGCCTCAGCCATCAGGGCGAAGCTCCTGCTCTCGCTGGGGG  
CCACTGCGAAGAC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTAA

**Protein Sequence:** >MR202365 protein sequence  
Red=Cloning site Green=Tags(s)

MDLDQLDLNPRITAAVKRRLKSVKEILCYSGPDLQRLTGLPSHDVQCLLRAASLHLRGSRLVLSALHLFQ  
QKESFPEQHRLSLGCPVLDQFLGGGLPLEGITGLAGCSSAGKTQLALQLCLAVQFPRQYGGLEAGAVYI  
CTEDAFPSKRLWQLIAQRRRLRTDAPEELIEKIRFSNHIFIEHAADVPHFVVSSTFRPQPSGRSSCSRWG  
PHCED

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

**Species:** Mouse



|                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
|----------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Serotype:</b>     | AAV-2                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>ACCN:</b>         | BC043073                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| <b>ORF Size:</b>     | 645 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>       | <a href="#">BC043073</a> , <a href="#">AAH43073</a>                                                                                                                                                                                                                                                                                                                                                                                                                         |
| <b>RefSeq Size:</b>  | 2318 bp                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| <b>RefSeq ORF:</b>   | 647 bp                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>Locus ID:</b>     | 74335                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>Cytogenetics:</b> | 12 F1                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>MW:</b>           | 23.8 kDa                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |