

## Product datasheet for **RC203623A1V**

### Human XRCC6BP1 (ATP23) (NM\_033276) AAV Particle

#### Product data:

|                           |                                                                   |
|---------------------------|-------------------------------------------------------------------|
| Product Type:             | AAV Particles                                                     |
| Product Name:             | Human XRCC6BP1 (ATP23) (NM_033276) AAV Particle                   |
| Tag:                      | Myc-DDK                                                           |
| Symbol:                   | XRCC6BP1                                                          |
| Synonyms:                 | KUB3; XRCC6BP1                                                    |
| Mammalian Cell Selection: | None                                                              |
| Vector:                   | pAAV-AC-Myc-DDK (PS100089)                                        |
| ORF Nucleotide Sequence:  | >RC203623 ORF sequence<br>Red=Cloning site Blue=ORF Green=Tags(s) |

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGCATCGCC**

ATGGCGGGAGCTCCGGACGAGCGCCGGCGGGGCCCCGCGGCAGGGGAGCAGCTGCAGCAGCAACACGTCT  
CTTGCCAGGTCTTCCCCGAGCGTCTGGCCAGGGGAATCCCCAGCAAGGGTTCTTCTCCAGCTTCTTAC  
CAGCAACCAGAAGTGCCAGCTTAGGCTCCTGAAGACGCTGGAGACAAATCCATATGTCAAACCTTCTGCTT  
GATGCTATGAAACACTCAGGTTGTGCTGTTAACAAAGATAGACACTTTTCTTGCGAAGACTGTAATGGAA  
ATGTCAGTGGAGGTTTTGATGCTTCAACATCTCAGATAGTTTTGTGCCAGAATAATATCCATAATCAGGC  
CCATATGAACAGAGTGGTCACACACGAGCTTATTCATGCATTTGATCATTGTCTGCGCCATGTCTGACTGG  
TTCACCAACATCAGACATTTGGCGTGCTCAGAGTTTCGAGCTGCTAACCTTAGTGAGACTGCTCACTTG  
TCAATGAAATATTCAGGTTACATTTTGGATTAAAAACAACACCACCAGACTTGTGTGCGAGACAGAGCCAC  
TCTTTCTATCCTGGCTGTTAGGAATATCAGCAAAGAAGTAGCTAAAAAGGCTGTTGATGAAGTTTTTGA  
TCTTGTTCATGACCATGAACCTTTTGAAGGATCCACATAACAAGACTTATGCAAGATATGCTCACA  
GAGACTTTGAAAACCGTGATCGGTATTATTCAAATATA

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA



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|--------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Protein Sequence:</b> | <p>&gt;RC203623 protein sequence</p> <p>Red=Cloning site Green=Tags(s)</p> <p>MAGAPDERRRGPAAGEQLQQQHVSCQVFPERLAQGNPQQGFFSSFFTSNQKCQLRLLKTLETNPYVKLLL<br/> DAMKHSGCAVNKDRHFSCEDCNGNVSGGFDASTSQIVLCQNNIHQAAMNRVVTHELIIHAFDHCRAHVDW<br/> FTNIRHLACSEVRAANLSGDCSLVNEIFRLHFGLKQHHQTCVRDRATLSILAVRNISKEVAKKAVDEVFE<br/> SCFNDHEPFGRIPHNKTYARYAHRDFENRDRYYSNI</p> <p>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</p>                                                                           |
| <b>Species:</b>          | Human                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>Serotype:</b>         | AAV-2                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>ACCN:</b>             | NM_033276                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>ORF Size:</b>         | 738 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_033276.2</u>                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| <b>RefSeq Size:</b>      | 1182 bp                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| <b>RefSeq ORF:</b>       | 741 bp                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>Locus ID:</b>         | 91419                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>UniProt ID:</b>       | <u>Q9Y6H3</u>                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| <b>Cytogenetics:</b>     | 12q14.1                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| <b>MW:</b>               | 28.1 kDa                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |