

## Product datasheet for **RC216460A1V**

### Human Aurora A (AURKA) (NM\_003600) AAV Particle

#### Product data:

**Product Type:** AAV Particles  
**Product Name:** Human Aurora A (AURKA) (NM\_003600) AAV Particle  
**Tag:** Myc-DDK  
**Symbol:** Aurora A  
**Synonyms:** AIK; ARK1; AURA; BTAK; PPP1R47; STK6; STK7; STK15  
**Mammalian Cell Selection:** None  
**Vector:** pAAV-AC-Myc-DDK (PS100089)  
**ORF Nucleotide Sequence:** >RC216460 representing NM\_003600  
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGCATCGCC**

ATGGACCGATCTAAAGAAAAGTGCATTTTCAGGACCTGTTAAGGCTACAGCTCCAGTTGGAGGTCCAAAAC  
GTGTTCTCGTGACTCAGCAATTTCTTGTGAGAATCCATTACCTGTAATAGTGGCCAGGCTCAGCGGT  
CTTGTGTCCTTCAAATTTCCAGCGCGTTTCTTTGCAAGCACAAAAGCTTGTCTCCAGTCACAAGCCG  
GTTCAGAATCAGAAGCAGAAGCAATTGCAGGCAACCAGTGTACCTCATCCTGTCTCCAGGCCACTGAATA  
ACACCCAAAAGAGCAAGCAGCCCTGCCATCGGCACCTGAAAATATCCTGAGGAGGAAGTGGCATCAA  
ACAGAAAAATGAAGAATCAAAAAAGAGGCAGTGGGCTTTGGAAGACTTTGAAATTTGGTCCGCCTCTGGGT  
AAAGGAAAGTTTGGTAATGTTTATTTGGCAAGAGAAAAGCAAAGCAAGTTTATTCTGGCTCTTAAAGTGT  
TATTTAAAGCTCAGCTGGAGAAAGCCGGAGTGGAGCATCAGCTCAGAAGAGAAGTAGAAATACAGTCCCA  
CCTTCGGCATCCTAATATTCTTAGACTGTATGGTTATTTCCATGATGCTACCAGAGTCTACCTAATTCTG  
GAATATGCACCACTTGGAACAGTTTATAGAGAAGTTCAGAACTTTCAAAGTTTATGAGCAGAGAACTG  
CTACTTATATAACAGAATTGGCAATGCCCTGTCTTACTGTCTTGAAGAGAGTTATTCATAGAGACAT  
TAAGCCAGAGAACTTACTTCTGGATCAGCTGGAGAGCTTAAAATTCAGATTTTGGGTGGTCAATACAT  
GCTCCATCTTCCAGGAGGACCACTCTGTGGCACCTGGACTACCTGCCCTGAAATGATTGAAGGTC  
GGATGCATGATGAGAAGGTGGATCTCTGGAGCCTTGGAGTTCTTTGCTATGAATTTTAGTTGGGAAGCC  
TCCTTTTGAGGCAAACACATACCAAGAGACCTACAAAAGAATATCACGGGTTGAATTCACATTCCTGAC  
TTTGTAAACAGAGGGAGCCAGGGACCTCATTTCAAGACTGTTGAAGCATAATCCCAGCCAGAGGCCAATGC  
TCAGAGAAGTACTTGAACACCCCTGGATCACAGCAAATTCATCAAACCATCAAATTGCCAAAACAAAGA  
ATCAGCTAGCAAACAGTCT

**ACGCGT**ACGCGGCCGCTCGAGCAGAAAAGTCACTCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA



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|--------------------------|--|
| <b>Protein Sequence:</b> | <p>&gt;RC216460 representing NM_003600<br/> <span style="color: red;">Red</span>=Cloning site <span style="color: green;">Green</span>=Tags(s)</p> <p>MDRSKENCISGPVKATAPVGGPKRVLVTQQFPCQNPLPVNSGQAQRVLCPSNSSQRVPLQAQKLVSSHKP<br/> VQNQKQKQLQATSVPHPVSRPLNNTQKSKQPLPSAPENNPEEELASKQKNEESKKRQWALEDFEIGRPLG<br/> KGKFGNVYLAAREKQSKFILALKVLFKAQLEKAGVEHQLRREVEIQSHLRHPNILRLYGYFHDATRVYLLIL<br/> EYAPLGTVYRELQKLSKFDEQRTATYITELANALSYCHSKRVIHRDIKPENLLLSGAGELKIADFGWSVH<br/> APSSRRRTLCTLDYLPPEMIEGRMHDEKVDLWSLGVLCYEFLVGKPPFEANTYQETYKRISRVEFTFPD<br/> FVTEGARDLISRLLKHNPSQRPMLREVLEHPWITANSSKPSNCQNKESASKQS</p> <p><span style="color: red;">TR</span><span style="color: green;">TRPLEQKLI</span><span style="color: green;">SEEDLAANDILDYKDDDDKV</span></p> |
| <b>Species:</b>          | Human  |
| <b>Serotype:</b>         | AAV-2  |
| <b>ACCN:</b>             | NM_003600  |
| <b>ORF Size:</b>         | 1209 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="#">NM_003600.2</a>  |
| <b>RefSeq Size:</b>      | 2346 bp  |
| <b>RefSeq ORF:</b>       | 1212 bp  |
| <b>Locus ID:</b>         | 6790   |
| <b>UniProt ID:</b>       | <a href="#">O14965</a>   |
| <b>Cytogenetics:</b>     | 20q13.2  |
| <b>MW:</b>               | 45.6 kDa   |