

Product datasheet for RC216513A1V

Human Aurora A (AURKA) (NM_198434) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human Aurora A (AURKA) (NM_198434) 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:	>RC216513 ORF sequence Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGGACCGATCTAAAGAAAACGCAATTCAGGACCTGTTAAGGCTACAGCTCCAGTTGGAGGTCCAAAAC
GTGTTCTCGTGACTCAGCAATTCCTTGTCAGAATCCATTACCTGTAATAGTGGCCAGGCTCAGCGGT
CTTGTCCTTCAAATTCCTCCAGCGCGTTCCTTGCAAGCACAAAAGCTTGCTCCAGTCACAAGCCG
GTTCAGAATCAGAAGCAGAAGCAATTGCAGGCAACCAAGTGTACCTCATCCTGTCTCCAGGCCACTGAATA
ACACCCAAAAGAGCAAGCAGCCCTGCCATCGGCACCTGAAAATAATCCTGAGGAGGAAGTGGCATCAA
ACAGAAAAATGAAGAATCAAAAAAGAGGCAAGTGGGCTTTGGAAGACTTTGAAATTGGTCGCCCTCTGGGT
AAAGGAAAGTTTGGTAATGTTTATTTGGCAAGAGAAAAGCAAAGCAAGTTTATTCTGGCTCTTAAAGTGT
TATTTAAAGCTCAGCTGGAGAAAGCCGAGTGGAGCATCAGCTCAGAAGAGAAGTAGAAATACAGTCCCA
CCTTCGGCATCCTAATATTCTTAGACTGTATGGTTATTTCCATGATGCTACCAGAGTCTACCTAATTCTG
GAATATGCACCACTTGGAAACAGTTTATAGAGAACTTCAGAACTTTCAAAGTTTGATGAGCAGAGAACTG
CTACTTATATAACAGAATTGGCAATGCCCTGTCTTACTGTCTTGAAGAGAGTTATTCATAGAGACAT
TAAGCCAGAGAACTTACTTCTGGATCAGCTGGAGAGCTTAAATTCAGATTTTGGGTGGTCAGTACAT
GCTCCATCTTCCAGGAGGACCACTCTCTGTGGCACCCTGGACTACCTGCCCCCTGAAATGATTGAAGGTC
GGATGCATGATGAGAAGGTGGATCTCTGGAGCCTTGGAGTTCTTTGCTATGAATTTTAGTTGGGAAGCC
TCCTTTTGAGGCAAAACATACCAAGAGACCTACAAAAGAATATCACGGGTTGAATTCACATTCCTGAC
TTTGTAACAGAGGGAGCCAGGGACCTCATTCAAGACTGTTGAAGCATAATCCCAGCCAGAGGCCAATGC
TCAGAGAAGTACTTGAACACCCCTGGATCACAGCAAAATTCATCAAAACCATCAAATGCCAAAACAAAGA
ATCAGCTAGCAAAACAGTCT

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence:	>RC216513 protein sequence Red=Cloning site Green=Tags(s) MDRSKENCISGPVKATAPVGGPKRVLVTQQFPCQNPLPVNSGQAQRVLCPSNSSQVRVPLQAQKLVSSHKP VQNQKQKQLQATSVPHPVSRPLNNTQKSKQPLPSAPENNPEEELASKQKNEESKKRQWALEDFEIGRPLG KGKFGNVYLAREKQSKFILALKVLFKAQLEKAGVEHQLRREVEIQSHLRHPNLRLYGYFHDATRVYLIL EYAPLGTVYRELQKLSKFDEQRTATYITELANALSYCHSKRVIHRDIKPENLLLSAGELKIADFGWSVH APSSRRITLCGTLDYLPPEMIEGRMHDEKVDLWSLGVLCEFLVGKPPFEANTYQETYSRISRVETFPD FVTEGARDLISRLLKHNPSSQRPMLREVLEHPWITANSSKPSNCQNKESASKQS TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_198434
ORF Size:	1209 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_198434.1
RefSeq Size:	2245 bp
RefSeq ORF:	1212 bp
Locus ID:	6790
UniProt ID:	O14965
Cytogenetics:	20q13.2
MW:	45.8 kDa