

## Product datasheet for **RC208669A1V**

### Human alpha Tubulin (TUBA1A) (NM\_006009) AAV Particle

#### Product data:

Product Type:	AAV Particles
Product Name:	Human alpha Tubulin (TUBA1A) (NM_006009) AAV Particle
Tag:	Myc-DDK
Symbol:	alpha Tubulin
Synonyms:	B-ALPHA-1; LIS3; TUBA3
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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**ORF Nucleotide Sequence:**

>RC208669 ORF sequence  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGATCGCC**

ATGCGTGAGTGCATCTCCATCCACGTTGGCCAGGCTGGTGTCCAGATTGGCAATGCCTGCTGGGAGCTCT  
 ACTGCCTGGAACACGGCATCCAGCCCGATGGCCAGATGCCAAGTGACAAGACCATTGGGGAGGAGATGA  
 TTCCTTCAACACCTTCTTCAGTGAGACGGGGCTGGCAAGCATGTGCCCGGGCAGTGTTGTAGACTTG  
 GAACCCACAGTCATTGATGAAGTTCGCACTGGCACCTACCGCCAGCTCTCCACCCTGAGCAACTTATCA  
 CAGGCAAGGAAGATGCTGCCAATAACTATGCCGAGGGCACTACACCATTGGCAAGGAGATCATTGACCT  
 CGTGTGGACCGAATTCGCAAGCTGGCCGACCAGTGCACGGGTCTCCAGGGCTTCTTGGTTTTCCACAGC  
 TTTGGTGGGGAACTGGTCTGGGTTACCTCCCTGCTCATGGAACGCTCTCAGTTGATTATGGCAAGA  
 AGTCCAAGCTGGAGTTCTATTTACCGGGCGCCCAGGTTTCCACAGCTGTAGTTGAGCCCTACAACCT  
 CATCTCACCCACACCACCCTGGAGCACTCTGATTGTGCCTTCATGGTAGACAATGAGGCCATCTAT  
 GACATCTGTCGTAGAAACCTCGATATTGAGCGTCCAACCTATACTAACCTGAATAGGTTAATAGGTCAA  
 TTGTGTCTCCATCACTGCTTCCCTGAGATTTGATGGAGCCCTGAATGTTGACCTGACAGAATCCAGAC  
 CAACCTGGTGCCTATCCCCGCATCCACTTCCCTCTGGCCACATATGCCCTGTCATCTCTGCTGAGAAA  
 GCCTACCATGAACAGCTTTCTGTAGCAGAGATCACAATGCTTGTCTTGGACCGCAACCAGATGGTGA  
 AATGTGACCCTCGCCATGGTAAATACATGGCTTGTGCTGCTGTTGTACCGTGGTGACGTGGTCCCAAAGA  
 TGTCAATGCTGCCATTGCCACCATCAAGACCAAGCGTACCATCCAGTTTGTGGATTGGTGGCCCACTGGC  
 TTCAAGTTGGCATCACTACCAGCCTCCACTGTGGTGCCTGGTGGAGACCTGGCCAAGGTACAGAGAG  
 CTGTGTGCATGCTGAGCAACACCACAGCATTGCTGAGGCTGGGCTCGCTGGACCACAAGTTTGACCT  
 GATGTATGCCAAACGTGCCTTTGTTCACTGGTACGTTGGGGAGGGGATGGAGGAAGGTGAGTTTTTCAGAG  
 GCCCGTGAAGACATGGCTGCCCTTGAGAAGATTATGAGGAGGTTGGTGTGGATTCTGTTGAAGGAGAGG  
 GTGAGGAAGAAGGAGAGGAATAC

**ACGCGT**ACGCGGCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Protein Sequence:**

>RC208669 protein sequence  
 Red=Cloning site Green=Tags(s)

MRECSIHVGQAGVQIGNACWELCYLEHGIQPDGQMPDQKIGGGDDSFNTFFSETGAGKHVPRAVFDL  
 EPTVIDEVRTGTYRQLFHPEQLITGKEDAANNYARGHYTIGKEIIDLVLDRIKRLADQCTGLQGFLVFHS  
 FGGGTSGSFTSLLMERLSVDYGGKSKLEFSIYPAPQVSTAVVEPYNSILTHTTLEHSDCAFMDNEAIY  
 DICRRNLDIERTYTNLNLIGQIVSSITASLRFDGALNVDL TEFQTNLVPYPRIHFLATYAPVISA  
 AYHEQLSVAEITNACFEPANQMVKCDPRHGKYMCLL YRGDVPKDVNAAIATIKTKRTIQFVDWCPTG  
 FKVGINYQPPTVPPGDLAKVQRAVCMLSNTTIAEAWARLDHKFDLMYAKRAVHVWYVGEEMEEGEFSE  
 AREDMAALEKDYEEVGVDSVEGEGEEEGEEY

**TR**TRPLEQKLISEEDLAANDILDYKDDDDKV

**Species:**

Human

**Serotype:**

AAV-2

**ACCN:**

NM\_006009

**ORF Size:**

1353 bp

**Buffer:**

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_006009.2</u>
<b>RefSeq Size:</b>	1930 bp
<b>RefSeq ORF:</b>	1356 bp
<b>Locus ID:</b>	7846
<b>UniProt ID:</b>	<u>Q71U36</u>
<b>Cytogenetics:</b>	12q13.12
<b>MW:</b>	50.1 kDa