

Product datasheet for **RC205008A1V**

Human Tubulin (TUBA1B) (NM_006082) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human Tubulin (TUBA1B) (NM_006082) AAV Particle
Tag:	Myc-DDK
Symbol:	Tubulin
Synonyms:	K-ALPHA-1
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC205008 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGCGTGAGTGTCATCTCCATCCACGTTGGCCAGGCTGGTGTCCAGATTGGCAATGCCTGCTGGGAGCTCT
 ACTGCCTGGAACACGGCATCCAGCCGATGGCCAGATGCCAAGTGACAAGACCATTGGGGGAGGAGATGA
 CTCCTTCAACACCTTCTTCAGTGAGACGGGCGCTGGCAAGCACGTGCCCCGGGCTGTGTTGTAGACTTG
 GAACCCACAGTCATTGATGAAGTTCGCACTGGCACCTACCGCCAGCTCTTCCACCCTGAGCAGCTCATCA
 CAGGCAAGGAAGATGCTGCCAATAACTATGCCGAGGGCACTACACCATTGGCAAGGAGATCATTGACCT
 TGTGTTGGACGAATTCGCAAGCTGGCTGACCACTGCACCGGTCTTCAGGGCTTCTTGTTTTCCACAGC
 TTTGGTGGGGAACTGGTCTGGGTTACCTCCCTGCTCATGGAACGTCTCTCAGTTGATTATGGCAAGA
 AATCCAAGCTGGAGTTCTCATTACCCGGCACCCAGGTTTCCACAGCTGTAGTTGAGCCCTACAACCTC
 CATCTCACCCACACCCACCTGGAGCACTCTGATTGTGCCTTCATGGTAGACAATGAGGCCATCTAT
 GACATCTGTCGTAGAAACCTCGATATCGAGCGCCCAACCTACCTAACCTTAACCGCCTATTAGCCAGA
 TTGTGTCTCCATCACTGCTTCCCTGAGATTGATGGAGCCCTGAATGTTGACCTGACAGAATCCAGAC
 CAACCTGGTGCCTACCCCGCATCCACTTCCCTCTGGCCACATATGCCCTGTCATCTCTGCTGAGAAA
 GCCTACCATGAACAGCTTTCTGTAGCAGAGATCAACATGCTTGCTTTGAGCCAGCCAACCAGATGGTGA
 AATGTGACCTCGCCATGGTAAATACATGGCTTGCTGCCTGTTGTACCGTGGTGACGTGGTTCCCAAAGA
 TGTCAATGCTGCCATTGCCACCATCAAAACCAAGCGCAGCATCCAGTTTGTGGATTGGTGCCCACTGGC
 TTCAAGGTTGGCATCACTACCAGCCTCCACTGTGGTGCCTGGTGGAGACCTGGCCAAGGTACAGAGAG
 CTGTGTGCATGCTGAGCAACACCACAGCATTGCTGAGGCCTGGGCTCGCCTGGACCACAAGTTTGACCT
 GATGTATGCCAAGCGTGCCTTTGTTCACTGGTACGTGGGTGAGGGGATGGAGGAAGGCGAGTTTTTCAGAG
 GCCCGTGAAGATATGGCTGCCCTTGAGAAGGATTATGAGGAGGTTGGTGTGGATTCTGTTGAAGGAGAGG
 GTGAGGAAGAAGGAGAGGAATAC

ACGCGTACGCGGCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC205008 protein sequence
 Red=Cloning site Green=Tags(s)

MRECSIHVGQAGVQIGNACWELYCLEHGIQPDGQMPSDKTIGGGDDSFNTFFSETGAGKHVPRAVFVDL
 EPTVIDEVRTGTYRQLFHPEQLITGKEDAANNYARGHYTIGKEIIDLVLDRIKRLADQCTGLQGFLVFHS
 FGGGTSGFTSLLMERLSVDYGGKSKLEFSIYPAPQVSTAVVEPYNSILTHTTLEHSDCAFMVDNEAIY
 DICRRNLDIERPTYTNLNLISQIVSSITASLRFDGALNVDLTFQTNLVPYPRIHFPLATYAPVISAEK
 AYHEQLSVAEITNACFEPANQMVKCDPRHGKYMCCLLYRGDVVPKDVNAIATIKTRSIQFVDWCPTG
 FKVGINYQPPTVPPGDLAKVQRAVCMLSNNTTIAEAWARLDHKFDLMYAKRAVWHWYVGEEMEEGEFSE
 AREDMAALEKDYEYEVGVDSVEGEGEEGEY

TRTRPLE**QKL**ISEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:

AAV-2

ACCN:

NM_006082

ORF Size:

1353 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:	<u>NM_006082.2</u>
RefSeq Size:	1771 bp
RefSeq ORF:	1356 bp
Locus ID:	10376
UniProt ID:	<u>P68363</u>
Cytogenetics:	12q13.12
MW:	50.2 kDa