

Product datasheet for **RC200746A1V**

Human alpha Tubulin (TUBA4A) (NM_006000) AAV Particle

Product data:

Product Type:	AAV Particles
Tag:	Myc-DDK
Symbol:	alpha Tubulin
Synonyms:	ALS22; H2-ALPHA; TUBA1
Mammalian Cell	None
Selection:	
Vector:	pAAV-AC-Myc-DDK (PS100089)

ORF Nucleotide Sequence: >RC200746 ORF sequence
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGCGTGAATGCATCTCAGTCCACGTGGGGCAGGCAGGTGTCCAGATGGGCAATGCCTGCTGGGAGCTCT
ATTGCTTGGACATGGGATTACGCTGATGGGCAGATGCCAGTGACAAGACCATTGGTGGAGGGGACGA
CTCCTTCACCACCTTCTTCTGTGAACTGGTGCTGGAAAAACAGTACCCCGGGCAGTTTTTGTGGATCTG
GAGCCTACGGTCATTGATGAGATCCGAAATGGCCCATACCGACAGCTCTTCCACCCAGAGCAGCTCATCA
CTGGGAAAGAGGATGCTGCCAACAACTATGCCCGTGGTCACTATACCATGGCAAGGAGATCATTGACCC
AGTGTGGATCGGATCCGCAAGCTGTCTGACCAAGTGCACAGGACTTCAGGGCTTCCTGGTGTCCACAGC
TTTGGTGGGGCACTGGCTCTGGCTTCACCTCACTCCTGATGGAGCGGCTCTCTGTTGACTATGGCAAGA
AATCCAAGCTGGAATTCTCCATCTACCCAGCCCCCAGGTGTCTACAGCCGTGGTCGAGCCCTACAACCT
TATCCTGACCACCCACACCACCTGGAGCACTCAGACTGTGCCTTCATGGTGGACAACGAAGCAATCTAT
GACATCTGCCGCCGCAACCTAGACATCGAGCGCCCAACCTACCAACCTCAATCGCCTCATTAGCCAAA
TTGTCTCCTCCATCACAGCTTCTCTGCGCTTTGACGGGGCCCTCAATGTGGACCTGACAGAGTTCCAGAC
CAACCTGGTGCCCTACCCTCGCATCCAATCCCCCTGGCCACCTATGCACCAAGTCATCTCTGCAGAAAAG
GCATACCACGAGCAGCTGTGGTGGCAGAGATCACAATGCCTGCTTTGAGCCTGCCAACCATGATGGTAA
AGTGTGATCCCCGGCACGGCAAGTACATGGCCTGCTGCCTGCTGTACCGTGGAGATGTGGTGGCCCAAGGA
TGTCACGCTGCCATTGCCGCCATCAAGACCAAGCGCAGCATTAGTTTTGGACTGGTGCCCCACAGGC
TTCAAGGTTGGTATCAACTACCAGCCTCCCACTGTGGTGCCTGGGGGTGACCTGGCCAAGGTGCAGCGTG
CCGTGTGATGCTGAGCAACACGACCGCCATCGCCGAGGCCTGGGCCCGCCTGGACCACAAGTTCGACCT
GATGTATGCCAAGAGGGCGTTTGTGCACTGGTATGTGGGTGAGGGCATGGAGAGGGTGAGTTCTCCGAG
GCCCCGTGAGGATATGGCTGCCCTGGAGAAGGATTATGAGGAGGTGGGCATCGACTCCTATGAGGACGAGG
ATGAGGGAGAAGAA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGTTTAA



Protein Sequence:	>RC200746 protein sequence Red=Cloning site Green=Tags(s) MRECISVHVQGAGVQMGNACWELYCLEHGIQPDGQMPSDKTIGGGDDSFSTTFFCETGAGKHVPRAVFVDL EPTVIDEIRNGPYRQLFHPEQLITGKEDAANNYARGHYTIGKEIIDPVLDRIKRLSDQCTGLQGFLVFHS FGGGTGSGFTSLLMERLSVDYGKSKLEFSIYPAPQVSTAVVEPYNSILTHTTLEHSDCAFMDNEAIY DICRRNLDIERPTYTNLNLISQIVSSITASLRFDGALNVDLTFQTNLVPYPRIHFPLATYAPVISA EK AYHEQLSVAEITNACFEPANQMVKCDPRHGKYMCCLLYRGDVVPKDVNAIAAIKTKRSIQFVDWCPTG FKVGINYQPPTVPPGGDLAKVQRAVCMLSNTTATAEAWARLDHKFDLMYAKRAVHVWYVGEEMEEGEFSE AREDMAALEKDYEEVGIDSYEDEDEGEE TRTRPLEQKLI SEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_006000
ORF Size:	1344 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_006000.1
RefSeq Size:	2076 bp
RefSeq ORF:	1347 bp
Locus ID:	7277
UniProt ID:	P68366
Cytogenetics:	2q35
MW:	49.9 kDa