

Product datasheet for **RC205881A1V**

Human beta II Tubulin (TUBB2A) (NM_001069) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human beta II Tubulin (TUBB2A) (NM_001069) AAV Particle
Tag:	Myc-DDK
Symbol:	beta II Tubulin
Synonyms:	CDCBM5; TUBB; TUBB2
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC205881 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCCGCATCGCC

ATGCGCGAGATCGTGCACATCCAGGCGGGCCAGTGCGGCAACCAGATCGGCGCCAAGTTTGGGAGGTCA
 TCAGCGATGAGCATGGGATCGACCCACAGGCAGTTACCATGGAGACAGTGACTTGCAGCTGGAGAGAAT
 CAACGTGTACTACAATGAGGCTGCTGGTAACAAATATGTACCTCGGGCCATCCTGGTGGATCTGGAGCCT
 GGCACCATGGACTCTGTGAGGTCTGGACCCCTCGGCCAGATCTTCAGACCAGACAACCTCGTGTTCGGCC
 AGAGTGGAGCCGGGAATAACTGGGCCAAGGGCCACTACACAGAGGGAGCCGAGCTGGTCGACTCGGTCTCT
 GGATGTGGTGAGGAAGGAGTCAGAGAGCTGTGACTGTCTCCAGGGCTTCAGCTGACCCACTCTCTGGGG
 GGCGGCACGGGTCCGGGATGGGCACCTGCTCATCAGCAAGATCCGGGAAGAGTACCCAGACCGCATCA
 TGAACACCTTCAGCGTCATGCCCTCACCAAGGTGTGAGACACGGTGGTGGAGCCCTACAACGCCACCTCT
 CTCTGTCCACCAGCTGGTGGAAAACACAGATGAAACCTACTCCATTGATAACGAGGCCCTGTATGACATC
 TGCTTCCGCACCTGAAGCTGACCACCCCACTACGGGGACCTCAACCACCTGGTGTGCGCCACCATGA
 GCGGGGTACCACTGCCTGCGCTTCCCGGGCCAGCTGAACGCAGACCTGCGCAAGCTGGCGGTGAACAT
 GGTGCCCTTCCCTCGCTGCACTTCTTCATGCCCGGCTTCGCGCCCTGACCAGCCGGGCGAGCCAGCAG
 TACCGGGCGCTCACGGTGCCCGAGCTCACCCAGCAGATGTTTCGACTCCAAGAACATGATGGCCGCTGCG
 ACCCGGCCACGGCCGCTACCTGACGGTGGCTGCCATCTTCGGGGCCGCGATGTCCATGAAGGAGGTGGA
 CGAGCAGATGCTCAACGTGCAGAACAAGACAGCAGCTACTTCGTGGAGTGGATCCCCAACACGTGAAG
 ACGGCCGTGTGCGACATCCCGCCCCGCGCCTGAAGATGTGCGCCACCTTCATCGGCAACAGCACGGCCA
 TCCAGGAGCTGTTCAAGCGCATCTCCGAGCAGTTCACGGCCATGTTCCGGCGCAAGGCCCTCTCTGCACTG
 GTACACGGGCGAGGGCATGGACGAGATGGAGTTCACCGAGGCCGAGAGCAACATGAACGACCTGGTGTCC
 GAGTACCAGCAGTACCAGGACGCCACGGCCGACGAACAAGGGAGTTCGAGGAGGAGGGCGAGGACG
 AGGCT

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC205881 protein sequence
 Red=Cloning site Green=Tags(s)

MREIVHIQAGQCGNQIGAKFWEVISDEHGIDPTGSYHGSDQLERINVYYNEAAGNKYVPRAILVDLEP
 GTMDSVRSGPFGQIFRPDNFVFGQSGAGNNWAKGHYTEGAELVDSVLDVVRKESESCDCLQGFLTHSLG
 GGTGSGMGTLISKIREEYPDRIMNTFSVMPSPKVSdTVEPYNATLSVHQLVENTDETYSIDNEALYDI
 CFRTLKLTTPTYGDLNHLVSATMSGVTTCLRFPGQLNADLRKLAVNMVPFPRLHFFMPGFAPLTSRGSQQ
 YRALTPPELTQQMFDKNNMAACDPRHGRLTVAAIFRGRMSMKEVDEQMLNVQKNSSYFVEWIPNNVK
 TAVCDIPRGLKMSATFIGNSTAIQELFKRISEQFTAMFRRKAFLHWYTGEGMDEMEFTEAESNMNDLVS
 EYQQYQDATADEQGEFEEEEGEDEA

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:

AAV-2

ACCN:

NM_001069

ORF Size:

1335 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_001069.2</u>
RefSeq Size:	1621 bp
RefSeq ORF:	1338 bp
Locus ID:	7280
UniProt ID:	<u>Q13885</u>
Cytogenetics:	6p25.2
MW:	49.9 kDa