

Product datasheet for **RC238267A1V**

Human beta IV Tubulin (TUBB4A) (NM_001289129) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human beta IV Tubulin (TUBB4A) (NM_001289129) AAV Particle
Tag:	Myc-DDK
Symbol:	beta IV Tubulin
Synonyms:	beta-5; DYT4; TUBB4
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC238267 representing NM_001289129
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGCGGGAGATCGTGCACCTGCAGGCCGCCAGTGCGGCAACCAGATCGGGGCCAAGTTTGGGAGTTA
 TCAGTGACGAACATGGCATCGACCCACAGGCACATACCATGGGGACAGTGACCTGCAACTGGAGAGGAT
 CAACGTGTACTACAACGAGGCCACAGGAGGAAATTATGTCGCCAGAGCGGTGCTGGTGGACCTGGAAACC
 GGCACCATGGACTCTGTCCGTTCTGGCCCTTCGGTCAGATCTTTCGGCCGACAACCTCGTGTTTGGCC
 AATCCGGAGCCGCAACAACGGGCAAAGGGGCACTACACGGAGGGCGCAGAGCTGGTGGACGCTGTCT
 GGACGTAGTCCGAAGGAGGCCGAGAGCTGCGACTGCCTTCAGGGCTTCAGCTGACCCACTCGTGGGG
 GGTGGCACGGGTCCGAATGGGCACGCTGCTCATCAGTAAGATCCGCGAGGAGTCCCAGACCGCATCA
 TGAACACCTTCAGCGTGGTCCCTCGCCAAAGTGTACAGACCGTGGTGGAGCCCTACAACGCCACGCT
 GTCTGTGCACCACTGGTGGAGAATACGGATGAGACCTACTGCATCGACAACGAGGCACTCTACGACATC
 TGTTTCCGCACCCTCAAGCTGACCACCCACCTACGGGGACCTCAACCACCTGGTGTCCGGCCACCATGA
 GCGGGGTCAACCTGCCTGCGCTTCCCGGGCCAGCTGAACGCCGACCTGCGCAAGCTGGCCGTCACAT
 GGTTCCCTTTCCTCGCTGCACTTCTTCATGCCCGGCTTCGCACCCCTGACCAGCCGGGGCAGCCAGCAG
 TACCGGGCCCTGACGGTCCCGAGCTACCCAGCAGATGTTTCGATGCCAAGAACATGATGGCGCGTGGC
 ACCCGGCCACGGCCGCTACCTGACCGTGGCCCGCTGTTCCGGGGCCGATGTCCATGAAGGAGGTGGA
 CGAGCAGATGCTGAGCGTGCAGAGCAAGAACAGCAGCTACTTCGTGGAGTGGATCCCCAACACGTGAAG
 ACGGCCGTGTGCGACATCCCGCCCGCGCCCTGAAGATGGCCGCGACCTTCATCGGCAACAGCACGGCCA
 TCCAGGAGCTGTTCAAGCGCATCTCCGAGCAGTTCACGGCCATGTTCCGGCCGCAAGGCCCTCTTGCACTG
 GTACACGGGCGAGGGCATGGACGAGATGGAGTTCACCGAGGCCGAGAGCAACATGAATGACCTGGTATCT
 GAGTACCAGCAGTACCAGGACGCCACGGCCGAGGAGGGCGAGTTCGAGGAGGAGCGGAGGAGGAGGTGG
 CC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC238267 representing NM_001289129
 Red=Cloning site Green=Tags(s)

MREIVHLQAGCQGNQIGAKFWEVISDEHGIDPTGTYHGSDLQLERINVYYNEATGGNYVPRAVLVDLEP
 GTMDSVRSQPFQIFRPDNFVFGQSGAGNNWAKGHYTEGAELVDAVLVVVKEAESDCDLQGFQLTHSLG
 GGTGSGMGTLLISKIREEFDRIMNTFSVVPSPKVSVDTVVEPYNATLSVHQLVENTDETYCIDNEALYDI
 CFRTLKLTTPTYGDLNHLVLSATMSGVTTCLRFPGQLNADLRKLAVMVFPRLHFFMPGFAPLTSRGSQQ
 YRALTVPELTQQMFDANKMMAACDPRHGRYLTVAAVFRGRMSMKEVDEQMLSVQSKNSSYFVEWIPNNVK
 TAVCDIPRGLKMAATFIGNSTAIQELFKRISEQFTAMFRRKAFLHWYTGEGMDEMEFTEAESNMNDLVS
 EYQQYQDATAEEGEFEEEEEEVA

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:

AAV-2

ACCN:

NM_001289129

ORF Size:

1332 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_001289129.1, NP_001276058.1</u>
RefSeq Size:	2431 bp
RefSeq ORF:	1335 bp
Locus ID:	10382
UniProt ID:	<u>P04350</u>
Cytogenetics:	19p13.3
MW:	49.6 kDa