

## Product datasheet for **RC200755A1V**

### Human beta III Tubulin (TUBB3) (NM\_006086) AAV Particle

#### Product data:

Product Type:	AAV Particles
Product Name:	Human beta III Tubulin (TUBB3) (NM_006086) AAV Particle
Tag:	Myc-DDK
Symbol:	beta III Tubulin
Synonyms:	beta-4; CDCBM; CDCBM1; CFEOM3; CFEOM3A; FEOM3; TUBB4
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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**ORF Nucleotide Sequence:**

>RC200755 ORF sequence  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCCCGCATCGCC

ATGAGGGAGATCGTGCACATCCAGGCCGCCAGTGCGGCAACCAGATCGGGGCCAAGTTCTGGGAAGTCA  
 TCAGTGATGAGCATGGCATCGACCCAGCGGCAACTACGTGGGCGACTCGGACTTGCAGCTGGAGCGGAT  
 CAGCGTCTACTACAACGAGGCCTCTTCTCACAAGTACGTGCCTCGAGCCATTCTGGTGGACCTGGAACCC  
 GGAACCATGGACAGTGTCCGCTCAGGGGCCCTTTGGACATCTTTCAGGCCTGACAATTTTCATCTTTGGTC  
 AGAGTGGGGCCGCAACAACGGGCAAGGGTCACTACACGGAGGGGGCGGAGCTGGTGGATTCCGTCCT  
 GGATGTGGTGCAGGAGGTGTGAAACTGCGACTGCCTGCAGGGCTTCCAGCTGACCCACTCGTGGGG  
 GCGGCACGGGCTCCGGCATGGGCACGTGCTCATCAGCAAGGTGCGTGAGGAGTATCCCGACCGCATCA  
 TGAACACCTTCAGCGTCGTGCCCTCACCAAGGTGTGACACGGTGGTGGAGCCCTACAACGCCACGCT  
 GTCCATCCACCAGCTGGTGGAGAACACGGATGAGACCTACTGCATCGACAACGAGGCGCTCTACGACATC  
 TGCTTCCGCACCCTCAAGCTGGCCACGCCACCTACGGGGACCTCAACCACCTGGTATCGGCCACCATGA  
 GCGGAGTCAACCTCCTTGCCTTCCCGGGCCAGCTCAACGCTGACCTGCGCAAGCTGGCCGTCACAT  
 GGTGCCCTTCCCGCGCTGCACTTCTTCATGCCCGGCTTCCGCCCTCACAGCCGGGGCAGCCAGCAG  
 TACCGGGCCCTGACCGTCCCGAGCTACCCAGCAGATGTTTCGATGCCAAGAATGATGGCCGCTGCG  
 ACCCGGCCACGGCCGCTACCTGACGGTGGCCACCGTGTTCGGGGCCGCGATGCCATGAAGGAGGTGGA  
 CGAGCAGATGCTGGCCATCCAGAGCAAGAACAGCAGCTACTTCGTGGAGTGGATCCCCAACACGTGAAG  
 GTGGCCGTGTGTGACATCCCGCCCCGCGCCTCAAGATGCTCCTCACCTTCATCGGGAACAGCACGGCCA  
 TCCAGGAGCTGTTCAAGCGCATCTCCGAGCAGTTCACGGCCATGTTCCGGCGCAAGGCCCTCTGCACTG  
 GTACACGGGCGAGGGCATGGACGAGATGGAGTTACCGAGGCCGAGAGCAACATGAACGACCTGGTGTCC  
 GAGTACCAGCAGTACCAGGACGCCACGGCCGAGGAAGAGGGCGAGATGTACGAAGACGACGAGGAGGAGT  
 CGGAGGCCAGGGCCCCAAG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Protein Sequence:**

>RC200755 protein sequence  
 Red=Cloning site Green=Tags(s)

MREIVHIQAGQCGNQIGAKFWEVISDEHGDIPSGNYVGDSDLQLERISVYYNEASSHKYVPRAILVDLEP  
 GTMDSVRSAGFGHLFRPDNFIQSGAGNNWAKGHYTEGAELVDSVLDVVRKECENCDCIQGFQLTHSLG  
 GGTGSGMGTLLISKVREEYPDRIMNTFSVVPSPKVSdTVEPYNATLSIHQLVENTDETYCIDNEALYDI  
 CFRTLKLATPTYGDLNHLVSATMSGVTTSLRFPQQLNADLRKLAVMVFPRLHFFMPGFAPLTARQSQQ  
 YRALTVPELTQQMFDANKMMAACDPRHGRYLTVATVFRGRMSMKEVDEQMLAIQSKNSSYFVEWIPNNVK  
 VAVCDIPRGLKMSSTFIGNSTAIQELFKRISEQFTAMFRRKAFLHWYTGEGMDEMEFTEAESNMNDLV  
 EYQQYQDATAEEEEGEMYEDDEEESEAQGPK

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

**Species:**

Human

**Serotype:**

AAV-2

**ACCN:**

NM\_006086

**ORF Size:**

1350 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><a href="#">NM_006086.2</a></u>
<b>RefSeq Size:</b>	1794 bp
<b>RefSeq ORF:</b>	1353 bp
<b>Locus ID:</b>	10381
<b>UniProt ID:</b>	<u><a href="#">Q13509</a></u>
<b>Cytogenetics:</b>	16q24.3
<b>MW:</b>	50.4 kDa