

Product datasheet for **RC210432A1V**

Human TUB (NM_003320) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human TUB (NM_003320) AAV Particle
Tag:	Myc-DDK
Symbol:	TUB
Synonyms:	rd5; RDOB
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC210432 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCCGCATCGCC

ATGGGGGCCAGGACACCTTTGCCTTCTTCTGGGTTTCTTCTTTGCCGAGACAGGGATTTGTTCCAG
 GAGGCACTCCCTGGCCCATGGGATCTCAGCATTCAAAGCAGCACAGGAAACCTGGGCCCTGAAACGGGG
 CCACCGAAGAGATCGGAGAACAACAGGAGGAAGTACTGGAAGGAAGGAAGGAGATCGCTCGTGTCTTA
 GATGATGAGGGCAGAAACCTGAGGCAGCAGAAGCTTGATCGGCAGCGGGCCCTGCTGGAGCAGAAGCAGA
 AGAAGAAGCGCCAGGAGCCCCTGATGGTGCAGGCCAATGCAGATGGGCGGCCCGGAGCCGGCGGGCCCG
 GCAGTCAGAGGAACAAGCCCCCTGGTGGAGTCTACCTCAGCAGCAGTGGCAGCACCAGCTACCAAGTT
 CAAGAGGCCGACTCACTCGCCAGTGTGCAGCTGGGAGCCACGCGCCCAACAGCACCAGCTTCAGCCAAGA
 GAACCAAGGCGGCAGCTACAGCAGGGGGCCAGGTTGGCGCCGCTAGGAAGGAGAAGAAGGAAAGCACAA
 AGGCACCAGCGGCCAGCAGCACTGGCAGAAGACAAGTCTGAGGCCCAAGGCCAGTGCAGATTCTGACT
 GTGGGCCAGTCAGACCACGCCAGGACGAGGGGAGACGCGAGCTGGTGGGGGCGAACGCCACGCGGGC
 AGGATCTCCGTGCCACGATGCAGAGGAAGGGCATCTCCAGCAGCATGAGCTTTGACGAGGATGAGGAGGA
 TGAGGAGGAGAATAGCTCCAGCTCCTCCAGCTAAATAGTAACACCCGCCCCAGCTCTGCTACTAGCAGG
 AAGTCCGTGAGGAGGAGCCTCAGCCCTAGCCCAACAGCTCCAGAGCAACAGTGGACGTTGAGGTCC
 AGGATCTTGAGGAGTTTGCACTGAGGCCGGCCCCCAGGGTATCACCATCAAATGCCGCATCACTCGGGA
 CAAGAAAGGGATGACCGGGGCATGTACCCACCTACTTTCTGCACCTGGACCGTGAGGATGGGAAGAAG
 GTGTTCTCTCGGCGGAAGGAAGAGAAGAAGAGTAAACTTCAATTACCTCATCTCTGTGGACCCAA
 CAGACTTGTCTCGAGGAGGGACAGCTATATCGGAAACTGCGGTCCAATTGATGGGCACCAAGTTCAC
 TGTTTATGACAATGGAGTCAACCCTCAGAAGGCCTCATCTCCACTTTGGAAAGTGGAACCTTACGTCAG
 GAGCTGGCAGCTGTGTGTACGAGACAAACGTCTTAGGCTTCAAGGGGCTCGGAAGATGAGCGTGATTG
 TCCAGGCATGAACATGGTTCATGAGAGAGTCTCTATCCGCCCCCGCAACGAGCATGAGACACTGCTAGC
 ACGCTGGCAGAATAAGAACACGGAGAGTATCATCGAGCTGCAAAACAAGACACCTGTCTGGAATGATGAC
 ACACAGTCCTATGTACTCAACTCCATGGGCGCGTCACACAGGCTCCGTGAAGAACTTCCAGATCATCC
 ATGGCAATGACCCGACTACATCGTGTGCAGTTTGGCCGGGTAGCAGAGGATGTGTTACCATGGATTA
 CAACTACCCGCTGTGTGCACTGCAGGCCTTTGCCATTGCCCTGTCCAGCTTCGACAGCAAGCTGGCGTGC
 GAG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC210432 protein sequence
 Red=Cloning site Green=Tags(s)

MGARTPLPSFWVSFFAETGILFPGGTPWPMGSQHSKQHRKPGPLKRGHRRDRRTTRRKYWKEGREIARVL
 DDEGRNLRQQLDRQRALLEQKQKKRQEPLMVQANADGRPSRRARQSEEQAPLVE SYLSSSGSTSYQV
 QEADSLASVQLGATRPTAPASAKRTKAAATAGQGGAARKEKKGKHGTS GPAALAEDKSEAQGPVQILT
 VGQSDHAQDAGETAAGGERPSGQDLRATMQRKGISSMSFDEDEDEEENSSSSQLNSNTRPSSATSR
 KSVREAASAPSTAPEQPDVVEVDLEEFALRPAPQGIIKCRITRDKKMDRGMYPYFLHLDREDGKK
 VFLLAGRKRRKSKTSNYLISVDPTDL SRGDSYIGKLRNLMGTFVVDNGVNPQKASSSTLESGLRQ
 ELAAVCYETNVLGFKGPRKMSVIVPGMNMVHERVSI RPRNEHETLLARWQNKNTESI IELQNKTPVWDD
 TQSYVLNFHGRVTQASVKNFQIIHGNDPDYIVMQFGRVAEDVFTMDYNYPLCALQAFIALSSFDSKLAC
 E

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:

AAV-2

ACCN:	NM_003320
ORF Size:	1683 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_003320.3</u> , <u>NP_003311.2</u>
RefSeq Size:	6432 bp
RefSeq ORF:	1686 bp
Locus ID:	7275
UniProt ID:	<u>P50607</u>
Cytogenetics:	11p15.4
MW:	62.1 kDa