

Product datasheet for **RC211175A1V**

Human TUBA8 (NM_018943) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human TUBA8 (NM_018943) AAV Particle
Tag:	Myc-DDK
Symbol:	TUBA8
Synonyms:	CDCBM8; TUBAL2
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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**ORF Nucleotide
Sequence:**

>RC211175 ORF sequence

Red=Cloning site Blue=ORF Green=Tags(s)

 TTTTGAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGC**

 ATGCGGGAATGCATATCAGTCCACGTGGGCCAAGCGGGAGTTCAGATTGGCAATGCCTGCTGGGAGCTCT
TCTGCCTGGAACACGGCATCCAGGCAGACGGCACTTTTGTGCTCAAGCTAGCAAGATCAACGATGATGA
CTCCTTCAACCTTTTTCAGCGAGACTGGCAATGGGAAGCATGTGCCCCGGGCCGTGATGATAGATCTG
GAGCCTACTGTAGTGGATGAGGTTGGGCGAGGAACCTACCGCCAGCTCTTCCATCCAGAGCAGCTGATCA
CAGGAAAGGAGGATGCAGCCAACAATATGCCCGGGGCCACTACACGGTGGGCAAGGAGAGCATTGACCT
GGTGTGGACCGCATACGGAAGTGACAGATGCTTGTCTGGCCTGCAGGGCTTCTGATTTTCCACAGT
TTTGGTGGGGCACTGGCTCCGGCTTCACTTCTGCTGATGGAACGCCTCTCCCTGGATTATGGCAAGA
AATCCAAGCTGGAGTTTGCCATCTACCCAGCCCCCAGGTCTCTACTGCAGTGGTGGAGCCCTACAACCTC
CATCTGACCAACCCACACCACTGGAACATTCAGATTGTGCTTTCATGGTGGACAACGAAGCCATCTAT
GACATCTGCCGAGGAACCTTGACATTGAGCGCCCTACCTATACCAACCTCAACCGCCTCATCAGTCAGA
TTGTGTCTCAATCACTGCTTCTCTCCGCTTGACGGGGCCCTCAATGTGGACCTCACTGAGTTCAGAC
CAACCTGGTGCCTACCCCCGCATCCACTTCCCGCTGGTCACTACGCGCCCATCATCTCTGCCGAGAAA
GCCTATACGAACAGCTCTCTGTGGCCGAGATAACAGCTCCTGCTTTGAGCCCAACAGCCAGATGGTGA
AGTGCGACCCGAGACATGGCAAGTACATGGCCTGCTGCATGCTCTACCGGGCGACGTGGTGGCCAAAGGA
TGTGAATGTCGCTATTGCTGCCATCAAGACCAAGAGGACCATCCAGTTTGTAGACTGGTGTCCACAGGC
TTCAAGGTGGGCATCACTACCAAGCCCCGACCGTGGTCCCCGGGGGAGACCTGGCCAAGGTGCAGCGGG
CCGTCTGCATGCTCAGCAACACCACGGCCATTGCGGAGGCCTGGGCCCGCCTCGACCACAAGTTCGACCT
CATGTACGCCAAGCGGGCCTTTGTGATTGGTATGTGGGAGAGGGGATGGAAGAAGGAGAATTTTCTGAG
GCCAGGAAGACTTAGCTGCCCTGGAGAAGGATTATGAAGAAGTGGGACTGATTCGTTTGAAGAAGAAA
ATGAAGGGGAGGAATTT

ACGCGTACGCGGCGGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC211175 protein sequence

Red=Cloning site Green=Tags(s)

 MREISVHVQAGVQIGNACWELFCLEHGIQADGTFDAQASKINDDSFSTTFSETGNGKHVPRAVMIDL
EPTVVDEVRAQTYRQLFHPEQLITGKEDAANNYARGHYTVGKESIDLVLDRIRKLTACSLQGFLIFHS
FGGGTSGGFTSLLMERLSLDYGKSKLEFAIYPAPQVSTAVVEPYNSILTHTTLEHSDCAFMVDNEAIY
DICRRNLDIRPTYTNLNLISQIVSSITASLRFDGALNVDLTFQTNLVPYPRIHFPLVTYAPIISAEK
AYHEQLSVAEITSSCFEPNSQMVKCDPRHGKYMCCMLYRGDVVPKDVNVAIAAIKTKRTIQFVDWCPTG
FKVGINYQPPTVPPGDLAKVQRAVCMLSNNTTIAEAWARLDHKFDLMYAKRAVHWYVYEGEGEEFSE
AREDLAALEKDYEEVGTDSFEEENEGEF

TRTRPLE**QKL**ISEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:

AAV-2

ACCN:

NM_018943

ORF Size:

1347 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_018943.1</u>
RefSeq Size:	2124 bp
RefSeq ORF:	1350 bp
Locus ID:	51807
UniProt ID:	<u>Q9NY65</u>
Cytogenetics:	22q11.21
MW:	50.1 kDa