

Product datasheet for **RC200408A1V**

Human gamma Tubulin (TUBG1) (NM_001070) AAV Particle

Product data:

Product Type:	AAV Particles
Tag:	Myc-DDK
Symbol:	gamma Tubulin
Synonyms:	CDCBM4; GCP-1; TUBG; TUBGCP1
Mammalian Cell	None
Selection:	
Vector:	pAAV-AC-Myc-DDK (PS100089)

ORF Nucleotide Sequence: >RC200408 ORF sequence
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGCCGAGGGAATCATCACCTACAGTTGGGCCAGTGCAGCAATCAGATTGGGTTCGAGTTCGAAAC
AGCTGTGCGCCGAGCATGGTATCAGCCCCGAGGCATCGTGGAGGAGTTCGCCACCGAGGGCACTGACCG
CAAGGACGTCTTTTCTACCAGGCAGACGATGAGCACTACATCCCCGGGCCGTGCTGCTGGACTTGGAA
CCCCGGGTGATCCACTCCATCCTCAACTCCCCCTATGCCAAGCTCTACAACCCAGAGAATCTACCTGT
CGGAACATGGAGGAGGAGCTGGCAACAACCTGGGCCAGCGGATTCTCCAGGGAGAAAAGATCCATGAGGA
CATTTTGTACATCATAGACGGGAGGCAGATGGTAGTACAGTCTAGAGGGCTTTGTGCTGTGTCACTCC
ATTGCTGGGGGACAGGCTCTGGACTGGGTTCCTACCTCTTAGAACGGCTGAATGACAGGTATCCTAAGA
AGCTGGTGCAGACATACTCAGTGTTCCTCAACAGGACGAGATGAGCGATGTGGTGGTCCAGCCTTACAA
TTCCTCTCACACTCAAGAGGCTGACGCAGAATGCAGACTGTGTGGTGGTGTGGACAACACAGCCCTG
AACCGGATTGCCACAGACCGCCTGCACATCCAGAACCATCCTTCTCCAGATCAACAGCTGGTGTCTA
CCATCATGTGACCCAGCACCACCCTGCGCTACCCTGGCTACATGAACAATGACCTCATCGGCCCTCAT
CGCCTCGCTCATTCCACCCCCACGGCTCCACTTCTCATGACCGGCTACACCCCTCTCACTACGGACCAG
TCAGTGGCCAGCGTGAGGAAGACCACGGTCCTGGATGTGATGAGGCGGCTGTGTCAGCCCAAGAAGCTGA
TGGTGTCCACAGGCCGAGACCGCCAGACCAACCACTGCTACATCGCCATCCTCAACATCATCCAGGGAGA
GGTGGACCCCAACCCAGGTCCACAAGAGCTTGACAGAGGATCCGGGAACGCAAGTTGGCCAACCTCATCCCC
TGGGGCCCCGCCAGCATCCAGGTGGCCTGTGAGGAAGTCTCCCTACCTGCCCTCGGCCACCGGGTCA
GCGGGCTCATGATGGCAACCACACAGCATCTCTCGCTCTTCGAGAGAACCTGTGCGCCAGTATGACAA
GCTGCGTAAGCGGAGGCCTTCTGGAGCAGTTCGCAAGGAGGACATGTTCAAGGACAACCTTTGATGAG
ATGGACACATCCAGGGAGATTGTGACGAGCTCATCGATGAGTACCATGCGGCCACACGGCCAGACTACA
TCTCTGGGGCACCCAGGAGCAG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



Protein Sequence:	>RC200408 protein sequence Red=Cloning site Green=Tags(s) MPREIITLQLGQCNGQIGFEFWKQLCAEHGISPEGIVEEFATEGTRKDVFFYQADDEHYIPRAVLLDLE PRVIHSILNSPYAKLYNPENIYLSEHGGGAGNNWASGFSQGEKIHEDIFDIIDREADGSDSLEGFVLCHS IAGGTGSGLSYLLERLNDYRYPKLVQTVSVFPNQDEMSDVVVPYNLLTLKRLTQNADCVVLDNTAL NRIATDRLHIQNPSFSQINQLVSTIMSASTTTLRYPGYMNNDLIGLIASLIPTPRLHFLMTGYTPTTDDQ SVASVRKTTVLDMRLLQPKNVMVSTGRDRQTNHCYIAILNIIQGEVDPTQVHKSQRIRERKLANFIP WGPASIQVALSRKSPYLPASHRVSGLMANHTSISSLFERTCRQYDKLRKREAFLEQFRKEDMFKNFDE MDTSREIVQQLIDEYHAATRPDYISWGTQEQ TRTRPLEQKLI SEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_001070
ORF Size:	1353 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_001070.3</u>
RefSeq Size:	1968 bp
RefSeq ORF:	1356 bp
Locus ID:	7283
UniProt ID:	<u>P23258</u>
Cytogenetics:	17q21.2
MW:	51.2 kDa