

Product datasheet for **RC221318A1V**

Human Troponin T1 (TNNT1) (NM_003283) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human Troponin T1 (TNNT1) (NM_003283) AAV Particle
Tag:	Myc-DDK
Symbol:	Troponin T1
Synonyms:	ANM; NEM5; STNT; TNT; TNTS
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)
ORF Nucleotide Sequence:	>RC221318 representing NM_003283 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGTCGGACACCGAGGAGCAGGAATATGAGGAGGAGCAGCCGGAAGAGGAGGCTGCGGAGGAGGAGGAGG
AAGCCCCGAAGAGCCGGAGCCGGTGGCAGAGCCAGAAGAGGAACGCCCCAAACCAAGCCGCCCGCTGGT
GCCTCCTTTGATCCCGCCAAAGATCCAGAAGGGGAGCGCTTGACTTCGATGACATCCACCGCAAGCGC
ATGGAGAAAGACCTGCTGGAGCTGCAGACACTCATCGATGTACATTTGAGCAGCGGAAGAAGGAGGAAG
AGGAGCTGGTTGCCTTGAAGGAGCGCATTGAGCGGCCCGGTCAGAGAGAGCCGAGCAACAGCGCTTCAG
AACTGAGAAGGAACGCGAACGTCAGGCTAAGCTGGCGGAGGAGAAGATGAGGAAGGAAGAGGAAGAGGCC
AAGAAGCGGGCAGAGGATGATGCCAAGAAAAAGAGGTGCTGTCCAACATGGGGGCCATTTTGGCGGCT
ACCTGGTCAAGGCAGAACAGAAGCGTGGTAAGCGGCAGACGGGGCGGAGATGAAGGTGCGCATCCTCTC
CGAGCGTAAGAAGCCTCTGGACATTGACTACATGGGGAGGAACAGCTCCGGGCCCGGTCTGCCTGGCTG
CCTCCATCACAGCCCTCCTGCCCTGCCAGGGAGAAAGCCAGGAGCTGTCGACTGGATCCACCACTGG
AGTCTGAGAAGTTGACCTGATGGCGAAGCTGAAACAGCAGAAATATGAGATCAACGTGCTGTACAACCG
CATCAGCCACGCCCAGAAGTTCCGGAAGGGGCGAGGAAGGGCCGCTTGGAGGCCGCTGGAAG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence:	>RC221318 representing NM_003283 Red=Cloning site Green=Tags(s) MSDTEEQEYEEEQPEEEAAEEEEAAPEEPEPVAEPEEERPKPSRPVVPPLIPPKIPEGERVDFDDIHRKR MEKDLLELQTLIDVHFEQRKKEEEELVALKERIERRRSERAEQQRFRTEKERERQAKLAEEKMRKEEEEA KKRAEDDAKKKKVL SNMGAHFGGYLVKAEQKRGKRQTGREMKVRILSERKKPLDIDYMGEELRARSAL PPSQPSCPAREKAQELSDWIHQLESEKFDLMAKLKQKYEINVLYNRISHAQKFRKGAGKGRVGGRWK TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_003283
ORF Size:	834 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_003283.3</u>
RefSeq Size:	980 bp
RefSeq ORF:	837 bp
Locus ID:	7138
UniProt ID:	<u>P13805</u>
Cytogenetics:	19q13.42
MW:	32.8 kDa