

Product datasheet for **RC201218A1V**

Human Cardiac Troponin T (TNNT2) (NM_001001431) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human Cardiac Troponin T (TNNT2) (NM_001001431) AAV Particle
Tag:	Myc-DDK
Symbol:	Cardiac Troponin T
Synonyms:	CMD1D; CMH2; CMPD2; cTnT; LVNC6; RCM3; TnTC
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)
ORF Nucleotide Sequence:	>RC201218 ORF sequence Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGCATCGCC**

ATGTCTGACATAGAAGAGGTGGTGAAGAGTACGAGGAGGAGGAGCAGGAAGAAGCAGCTGTTGAAGAGC
AGGAGGAGGCAGCGGAAGAGGATGCTGAAGCAGAGGCTGAGACCGAGGAGACCAGGGCAGAAGAAGATGA
AGAAGAAGAGGAAGCAAAGGAGGCTGAAGATGGCCCAATGGAGGAGTCCAAACCAAGCCAGGTCGTTT
ATGCCCAACTTGGTGCCTCCCAAGATCCCCGATGGAGAGAGAGTGGACTTTGATGACATCCACCGGAAGC
GCATGGAGAAGGACCTGAATGAGTTGCAGGCGCTGATCGAGGCTCACTTTGAGAACAGGAAGAAAGAGGA
GGAGGAGCTCGTTTCTCTCAAAGACAGGATCGAGAGACGTCGGGCAGAGCGGGCCGAGCAGCAGCGCATC
CGGAATGAGCGGGAAGGAGCGGCAGAACCGCCTGGCTGAAGAGAGGGCTCGACGAGAGGAGGAGGAGA
ACAGGAGGAAGGCTGAGGATGAGGCCCGGAAGAAGAAGGCTTTGTCCAACATGATGCATTTTGGGGTTA
CATCCAGAAGACAGAGCGGAAAAGTGGGAAGAGGCAGACTGAGCGGGAAGAAGAAGAAAGATTCTGGCT
GAGAGGAGGAAGGTGCTGGCCATTGACCACCTGAATGAAGATCAGCTGAGGGAGAAGGCCAAGGAGCTGT
GGCAGAGCATCTATAACTTGGAGGCAGAGAAGTTTCGACCTGCAGGAGAAGTTCAAGCAGCAGAAATATGA
GATCAATGTTCTCCGAAACAGGATCAACGATAACCGAAAGTCTCCAAGACCCGCGGGAAGGCTAAAGTC
ACCGGGCGCTGGAAA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence:	>RC201218 protein sequence Red=Cloning site Green=Tags(s) MSDIEEVVEEYEEEEQEEAAVEEQEEAAEEDAEAEAEETEETRAEEDEEEEEEAKEAEDGPMEEESKPKPRSF MPNLVPPKIPDGERVDFDDIHRKRMEKDLNELQALIEAHFENRKKEEELVSLKDRIERRRAERAEQQRI RNEREKERQNLAEERARREEEENRRKAEDARKKKALSNMMHFGGYIQKTERKSGKRQTEREKKKKILA ERRKVLAIIDLHNLNEDQLREKAKELWQSIYNLEAEKFDLQEKFKQKYEINVLNRNRINDNQKVSSTRGKAKV TGRWK TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_001001431
ORF Size:	855 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:	NM_001001431.1
RefSeq Size:	1165 bp
RefSeq ORF:	858 bp
Locus ID:	7139
UniProt ID:	P45379
Cytogenetics:	1q32.1
MW:	34.3 kDa