

Product datasheet for **RC228291A1V**

Human Tropomodulin 1 (TMOD1) (NM_001166116) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human Tropomodulin 1 (TMOD1) (NM_001166116) AAV Particle
Tag:	Myc-DDK
Symbol:	Tropomodulin 1
Synonyms:	D9S57E; ETMOD; TMOD
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)
ORF Nucleotide Sequence:	>RC228291 representing NM_001166116 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGCATCGCC**

ATGTCGTACAGACGAGAACTAGAGAAATACCGTGACCTGGATGAAGATGAAATCCTTGGAGCCCTAACAG
AGGAAGAGCTGAGGACCCTGGAAATGAGCTGGATGAGCTGGACCCTGATAATGCACTGCTGCCTGCAGG
CCTGAGGCAGAAGGATCAGACCACCAAGGCGCCACGGGCCCTTTAAAGAGAGGAGCTCTTGGATCAC
TTGAAAAGCAAGCAAAGGAGTTTAAGGACCGAGAAGATCTGGTCCCTACACAGGGGAAAAACGAGGAA
AGGTCTGGGTTCTAAGCAGAAGCCACTGGATCCTGTGCTGGAAGTGTGACGCTGGAACCGGAGCTGGA
GGAAGCCTTGGCAAATGCTTCAGATGCAGAACTCTGTGACATTGCAGCGATCCTGGGCATGCACACGCTC
ATGAGTAACCAGCAGTACTACCAGGCCCTGAGCAGCAGCTCCATCATGAACAAGGAGGGCTCAACAGCG
TGATTAAACCCACACAATACAAGCCTGTGCCGACGAAGAACCAATTCAACAGACGTAGAGGAAACGCT
GGAACGGATAAAGAACAACGACCCAAAACCTGAAGAAGTTAACCTCAATAATATCCGGAATATCCCCATC
CCCACCCTCAAGGCATATGCAGAAGCCCTGAAAGAAAACCTCATATGTGAAGAAGTTGAGCATCGTGGGA
CACGGAGTAATGACCCCGTGGCGTATGCCCTTGCTGAGATGCTCAAGGAGAACAAGGTGTTGAAGACACT
GAATGTGGAATCCAATTCATTTCTGGAGCTGGGATTCTGCGCCTGGTAGAAGCCCTCCCATACAACACT
TCTCTGGTGGAATGAAAATTGACAACCAGAGCCAGCCCTGGGCAACAAAGTGGAATGGAGATTGTGA
GCATGTTGAAAAAACGCAACACTTCTCAAATTCGGCTACCACTTTACCCAGCAAGGACCCCGGCTTCG
GGCATCCAACGAATGATGAACAACAATGACCTTGTGAGGAAGAGGAGGCTTGGGACCTGACTGGGCC
ATCATTCCAAGTGCCGGAGTGGTGTC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence:	>RC228291 representing NM_001166116 Red=Cloning site Green=Tags(s) MSYRRELEKYRDLDEDEILGALTEELRTLLENELDELDPDNALLPAGLRQKDQTTKAPTGPFKREELLDH LEKQAKEFKDREDLVPTGEGKRGKVVWPKQKPLDPVLESVTLEPELEEEALANASDAELCDIAAILGMHTL MSNQQYYQALSSSSIMNKEGLNSVIKPTQYKVPDEEPNSTDVEETLERIKNNDPKLEEVNLLNIRNIPI PTLKAYAEALKENSIVKKFSIVGTRSNPVAAYALAEMLEKENVLKTNLVESNFISGAGILRLVEALPYNT SLVEMKIDNQSQPLGNKVEMEIVSMLEKNATLLKFGYHFTQQGPRLRASNMMNNNDLVRKRRADLTGP IIPKCRSGV TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_001166116
ORF Size:	1077 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_001166116.1</u> , <u>NP_001159588.1</u>
RefSeq ORF:	1080 bp
Locus ID:	7111
UniProt ID:	<u>P28289</u>
Cytogenetics:	9q22.33
MW:	40.4 kDa