

Product datasheet for **RC201773A1V**

Human THUMPD1 (NM_017736) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human THUMPD1 (NM_017736) AAV Particle
Tag:	Myc-DDK
Symbol:	THUMPD1
Synonyms:	Tan1
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)
ORF Nucleotide Sequence:	>RC201773 ORF sequence Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGCATCGCC**

ATGGCGGGCCCTGCCAGCAGACTACTCAGCCTGGCGGGCGGAAGCGCAAAGGCAAGGCTCAGTATGTGC
TGGCCAAGCGCGCTCGGCGCTGCGACGCTGGCGGGCCCGTCAGCTAGAGCCCGGGCTACAGGGCATCCT
CATCACCTGCAATATGAACGAGCGCAAGTGCCTGGAGGAGGCCTACAGCCTCCTCAACGAATACGGCGAC
GACATGTATGGGCCAGAAAAGTTACAGACAAGGATCAGCAGCCCTCTGGAAGTGAGGGAGAGGATGATG
ATGCGGAGGCTGCCTTGAAGAAAGAAGTTGGTGACATTAAGGCATCTACAGAGATGAGGTTAAGAAGATT
CCAGTCAGTGGAAAGTGAGCAAATAACGTTGTCTTCATCAGGACACTTGGGATAGAGCCTGAGAAATTG
GTGCATCATATTCTCCAGGATATGTACAAAACCAAGAAAAAGAAGACTCGAGTTATTTTGCGAATGTTAC
CCATCTCAGGCACATGCAAGGCTTTTTTAGAAGATATGAAAAATATGCAGAAACATTTTGGAACCTG
GTTTAAAGCTCCAAACAAAGGGACATTTAGATTGTGTACAAATCTCGAAATAACAGTCATGTGAATAGA
GAAGAAGTTATCAGAGAATTGGCAGGAATAGTGTGACCCTCAATTCAGAAAATAAGTGGATCTCACCA
ATCCACAGTACACAGTGGTAGTAGAAATCATCAAAGCTGTCTGTTGCCTGAGTGTGTGAAGATTACAT
GTTGTTTAGAAAATACAATCTCCAGGAGGTGGTGAAGAGCCCTAAGGATCCGTACAGCTTAACCTCAAAG
CAGGGAATGGGAAAGAAGCTAACTGGAATCTGCGGACAAATCAGACCAAAACAACACAGCAGAAGGAA
AAAATAACCAGCAGGTACCAGAGAATACTGAGGAGCTGGGGCAGACAAAACCAACGTCTAATCCACAGGT
GGTAAATGAGGGAGGAGCCAAACCTGAACCTGCAAGTCAAGCCACAGAAGGATCCAAGTCAAATGAAAT
GACTTCTCA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence:	>RC201773 protein sequence Red=Cloning site Green=Tags(s) MAAPAQQTTPGGGKRKGKAQYVLAKRARRCDAGGPRQLEPGLQGILITCNMNERKCVEEAYSLNEYGD DMYGPEKFTDKDQQPSGSEGEDDDAEALKEVGDIAKSTEMRLRRFQSVESGANNVVFIRTLGIEPEKL VHHILQDMYKTKKKKTRVILRMLPISGTCKAFLEDMKKYAETFLEPWFKAPNKGTFQIVYKSRNNSHVNR EEVIRELAGIVCTLNSENKVDLTNPQYTVVVEIIKAVCCLSVVKDYMLFRKYNLQEVVKSFKDPSQLNSK QNGKEAKLESADKSDQNTAEGKNNQVPENTEELGQTKPTSNPQVVNEGGAPELASQATEGSKSNEN DFS TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_017736
ORF Size:	1059 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_017736.3</u>
RefSeq Size:	4416 bp
RefSeq ORF:	1062 bp
Locus ID:	55623
UniProt ID:	<u>Q9NXG2</u>
Cytogenetics:	16p12.3
MW:	39.3 kDa