

Product datasheet for **RC207361A1V**

Human TIGD4 (NM_145720) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human TIGD4 (NM_145720) AAV Particle
Tag:	Myc-DDK
Symbol:	TIGD4
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC207361 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGGCAGAAGCTTCTGTGGATGCCTCAACTCTGCCTGTAAACAGTGAAGAAAAAGAAAAGCCTATCCATTG
 AGGAAAAAGATCGACATCATAAATGCAGTGGAAAGTGGCAAGAAAAAGCAGAGATTGCTGCTGAATATGG
 AATAAAGAAAAATTCATTGTCTTCTATTATGAAGAATAAAGACAAAGTTCTAGAAGCCTTTGAATCTCTA
 AGATTTGATCCAAAGAGAAAAAGACTGAGAAGTCTTTTTACACAGATCTGGAAGAGGCATTAATGAGAT
 GGTATCGAATTGCTCAGTGTCTAAATGTACCAGTTAATGGTCCGATGTTACGTCTAAAAGCTAATGATTT
 TGCCCAGAACTGGGCCATAATGATTTTAAAGTGCAGTAATGGTTGGCTGGATCGTTTTAAATCCAGGTAT
 GGTTTAGTATTACAGCTCAACCTGTAGAAGCTACAGGTGTACCAGTAGACCTTCGACTGTCTGGTACC
 AAAATGTACTTCTTATTATTTAAATGATTATCATCTCTAAAAATGTTTTTAATATAAAAGAGACTGGCT
 GCTTTATCGAATGTTACCTACCAATACATTTGCATTTAAAGGCGAAACATGTTTCAGTTGGAAAGTTATGC
 AAAGACAGAATAACTCTGGTGGTTGGCACAACATGGATGGCTCAGAGAACTTCCTTTGCTTGTCAATTG
 GAAAAAGAGAACTCCACATTGTTTCAAAGGTTTAAAAATCATTGCCTGTGTGTTATGAAGCTAACAGAAT
 GGCATGGATGACCTCCGATGTATTTGAACAATGGATGCGAAAGCTTGATGAGGAATTTCAAGCCAGCAA
 CGAAGAGTGGTATTTTTGTTGAGTCTTTCCAGCACATCCAGAGGTAAGAACCTAAAAATCCATTGAGT
 TAGCATTCTTTCCATCATGTTTATCTTCCAAATGTATAGCTATGAAACAAGGTGTTATTTAAAGCCTTAA
 AATCAAATATCGACACTGTCTTATCAAGAAATTTTAAAGCTCTGTTGAAGGTAGCAAAGAATTTACATTT
 TCACTACTAGATGCAGTTGATACATTGCATCTTTGCTGGAGGGCTGTAAACCCAGAGACTATTGTTAAAA
 GCTATGAAGAGGCAGGATTCAAATCTCAAAAGGAGAGAAAGTACATAACAAATGCAGAGAAGGACTGCTGG
 TCTGGATTTGGTTGCTGATGCTCTGGGGCAGGAGTAGAATTTCTGAAGGTTTATCTATAGAAGAATAT
 GCTGCCCTGGATGATGTTTGGAGACATGTGAAGCAGCACCAAAATGGTATTCCGTATGCACCAAGAAA
 GTAAATCGGATGAACTGGATTTTACACTTCTGATGAAGAGGATGATGATGGATCTCCAGGAAGTGAAGT
 CCCTTTACCATCAAAATCTGAGGCAATAACTGCTTTAGATACTCTGAAAAATTTCTCAGAAGTCAAGAT
 ATGAATGACGGACTTCAAAATCTTTAGCAGACCTTGAAAATTTTATTAATCTTTATCACCTAAG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC207361 protein sequence
 Red=Cloning site Green=Tags(s)

MAEASVDASTLPVTVKKKSLSIEEKIDIINAVESGKKKAEIAAEYGIKKNSLSSIMKNKDKVLEAFESL
 RFDPKRRLRTAFYTDLEEALMRWYRIAQCLNVPVNGPMLRLKANDFAQKLGHNDFKCSNGWLDRFKSR
 GLVFRAQPVEATGVPVDPSTVWYQNVLPYYLNDYHPKNVFNKETGLLYRMLPTNTFAFKGETCSVGKLC
 KDRITLVVGTNMDGSEKLPLLIGKKRTPHCFKGLKSLPVCYEANRMAWMTSDVFEQWMRKLDEEFQAQQ
 RRVVIFVESFPAHPEVKNLKSIELAFFPSCSSKCIAMKQGVKSLKIKYRHCLIKKFLSSVEGSKEFTF
 SLLDAVDTLHLCWRAVTPETIVKSYEEAGFKSQKGESDITNAEKDTGLDLVADALGAGVEFPEGLSIEEY
 AALDDDLTCEAAPNGDSVCTKESKSDETGFYTSDEEDDDGSPGTELPLPSKSEAITALDTLKKFLRSQD
 MNDGLQNSLADLENFINSLSPK

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species: Human
Serotype: AAV-2
ACCN: NM_145720
ORF Size: 1536 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_145720.2</u>
RefSeq Size:	2472 bp
RefSeq ORF:	1539 bp
Locus ID:	201798
UniProt ID:	<u>Q8IY51</u>
Cytogenetics:	4q31.3
MW:	57.5 kDa