

Product datasheet for **RC207323A1V**

Human TIGD1 (NM_145702) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human TIGD1 (NM_145702) AAV Particle
Tag:	Myc-DDK
Symbol:	TIGD1
Synonyms:	EEYORE
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC207323 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGC**

ATGGCCTCTAAGTGCTCAAGTGAAGGAAGAGTCGCACATCTCTCACTTTAAATCAAAAAGTAAAGTGA
 TTAAGCTGAGTGAGGAAGGTATGTCAAAGCCGAGATAGGCCGAAGGCTAGGCCTCCTGCGGCAACAGT
 TAGCCAAGTTGTAATGCAAAGGAAAGTTCTTGAAGGAAGTTAAAGTGCTACTCCAATGAACACACGA
 ATGATAAGAAAGCGAAACAGCCTTATTGCTGATATGGAGAAAGTTTGTAGTGGTCTGGATAGAAGATCAGA
 CCAGCCGCAACATTCCCTTAAGCCAAAGCCTAATCCAGAACAAAGCCCTAACTCTCTTCAACTCTATGAA
 AGCTGAGAGAGGTGTGAAGCTGCAGAAGAAAGTTTGAAGCTAGCAGAGGTGGTTCATGAGGTTTAAG
 GAAAGAAGCCATTTCCATAACATAAAAGCACAGGTGAAGCAGCAAGTGTGATGTAGAAGTGCAGCAA
 GTTATCCAGAAGCTTTAGCTAAGATCATTGACGAAGGTGGCTACACTAAACAACAGATTTTCAATGTAGA
 TGAAACAGCCTTCTATTGGAAGAAGATGCCATCTAGAAGTTTCATAGCTAGAGAGGAGAAGTCAGTGCCT
 GGCTTCAAAGCTTCAAAGGACAGGCTGACTCTCTTGTAGGGGCTAATGCAGCTGGTGACTTTAAGTTGA
 AGCCAATGCTTATTTACCATTCTGAAAATCCTAGGGCCCTTAAGAGTTATACTAAATCTACTCTACCCGT
 GCTATATAAATGGAACAGCAAAGCCCGGATGACAGCACATCTGTTTACAGCATGGTTTACTGAATATTTT
 AAACCCACTGTTGAGACCTACTGCTCAGAAAAGAAGATTCCTTTCAAAATATTACTGCTCATTGGCAATG
 CCCCTAGTCATCCAAGAGCTCTGATGGAGATATACGAGGAGATTAATGTTATTTTCATGCCTGCTAACAC
 AACATCCATTCTGCAGCCCATGGATCAAGGGGTAATTTGACCTTCAAGTCTTATTATTTGAGAAATACA
 TTTCATAAGGCTCTAGCTGCCATGGATAGTGATGTCTCTGATGGATCTGGGCAAGCAAATTGAAAACCT
 TCTGGAAGGATTACCATTTTAGATGCCATTAACAAACATTCGTGATTCATGGGAGGAGTCAAATTGTC
 AACATTAACAGAGAGTTTGAAGAAGTTGATCCACCCCTCATTGATGACTATGAGGGGTTCAAGACTTCA
 GTGGAGGAAGTAAGTGCAGATGTGGTGAAGTGAAGAAAGTGAAGTGAAGTGAAGTGAAGTGAAGTGA
 TAACTGAATTGCTGCAATCTCATGATAAACTTTAACAGATGAGGAGTTGTTTCTTATGGATGCGCAAAG
 AAAGTGGTTTCTTGAGATGGAATCTACACCTGGTGAAGATGCTGTGAACATTGTTGAAATGACAACAAAG
 GATTTAGAATATTACATAAACTTAGTTGATAAAGCAGCAGCAGGGTTTGAGAGGATTGACTCCAATTTTG
 AAAGAAGCTCTACTGTGGGCAAAATGCTATCAAACAGCATCGCATGCTACAGAGAAATCTTTCATGAAAG
 GAAGAGTCAACTCATGCGAAAAGCTTACCGATGTCTTATTTAGGAAATGCCACAGCCACCCCAACCT
 TCAGCAGCCACCACCTGACCAGTCAGCAACCATCAACCTCGAGGCAAGACCCTCCACCAGCAAAAAGAG
 TACGACTACCGAAGGCTCAGAT

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC207323 protein sequence
 Red=Cloning site Green=Tags(s)

MASKCSSERKSRTSLTLNQKLEMIKLSEEGMSKAEIGRRLGLLRQTVSQVVNAKEKFLKEVKSATPMNTR
 MIRKRNSLIADMEKVLVWIEDQTSRNIPLSQSLIQNKALTLFNSMKAERGVEAAEEKFEASRGWFMRFK
 ERSFHNIKAQGEAASADVEAAASYPEALAKIIDEGGYTKQIFNVDETAIFYWKKMPSRTFIAREEKSVP
 GFKASKDRLTLLLGANAAGDFLKPMLIYHSENPRALKSYTKSTLPVLKWNKSKARMTAHLFTAWFTEYF
 KPTVETYCSEKKIPFKILLIIGNAPSHPRALMEIYEEINVIFMPANTTSILQPMQGVISTFKSYLRNT
 FHKALAAMDSDVSDGSGQSKLTFWKGFITLDAIKNIRDSWEEVKLSTLTGVWKKLIPTLIDDEYEGFKTS
 VEEVSADVVEIAKELELEVEPEDVTELLQSHDKTLTDEELFLMDAQRKWFLEMESTPGEDAVNIVEMTTK
 DLEYYINLVDKAAAGFERIDSNFERSSVTGKMLSNSIACYREIFHERKSQLMRKASPMYSYFRKLQPPQP
 SAATTLTSQQPSTSRQDPPPAKRVRLETS

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:	AAV-2
ACCN:	NM_145702
ORF Size:	1773 bp
Buffer:	PBS with 0.001% Pluronic F6034
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_145702.1</u>
RefSeq Size:	2448 bp
RefSeq ORF:	1776 bp
Locus ID:	200765
UniProt ID:	<u>Q96MW7</u>
Cytogenetics:	2q37.1
MW:	67.2 kDa