

Product datasheet for **RC221336A1V**

Human GTDC1 (NM_001006636) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human GTDC1 (NM_001006636) AAV Particle
Tag:	Myc-DDK
Symbol:	GTDC1
Synonyms:	Hmat-Xa; mat-Xa
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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**ORF Nucleotide
Sequence:**

>RC221336 representing NM_001006636
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGC**

ATGAGTATCCTCATCATTGAAGCATTCTATGGAGGCTCCCATAAACAGCTGGTGGATCTTCTTCAAGAAG
 AGTTAGGAGACTGTGCTTTTATACCCTTCCTGCAAAGAAATGGCATTGGAGAGCCCGGACATCTGCTTT
 ATATTTCTCTCAGACCATTCCCATCAGTGAGCATTACAGGACCCTCTTTGCAAGTTCAGTGCTTAACCTG
 ACCGAAGTGGCTGCCCTTCGGCCTGACCTTGGGAACTGAAAAAGATTCTGTATTTTACAGAGAACCAGT
 TGATATATCCTGTCAAGAAATGTCAGGAGAGGGATTTCCAATATGGATACAACCAAAATCTTTCATGCCT
 GGTGGCTGATGTGGTTGATTCAACTCAGTTTTTAATATGGAATCATTCTCACTTCCATGGGAAAATTT
 ATGAAGCTGATTCCTGATCACAGACCAAGGATCTGGAAAGCATCATCAGACCAAGTGCCAAGTTATTT
 ACTTTCCCATCAGGTTTCTGATGTGAGCAGATTCATGCCAAGCACAAAACAACCCATTTAAAGAAGAT
 GCTCGGCCTTAAAGAAATGGCGGTGCGGTTCTGTCCATGGCCCTTCCTTTTCAGCCAGAGCAGAGAGAT
 TCAGAGGATTTATTGAAGAATTTAATTAGAGTGTGATACACACTGTGGCCTTGATACTGCACGACAAG
 AATATTTGGGTAACCTAATAAGACAGGAATCAGACTTGAAAAATCCACCTCGTCAGATAATTCAAGCTC
 TCATCATGGTGAAATAAACAAAATCTGACTGTTGATCCCTGTGACATTTGGGTGGAGTTGATAATCAG
 CAAAGACTGCTACACATTGTCTGGCCTCACAGGTGGGAGCATGATAAAGATCCAGAAAGCTTTTTAAGG
 TATTAATGCATCTTAAGACTTAGGACTCAATTTCCACGTGTCTGTACTTGGAGAAACCTTCACAGATGT
 CCCAGATATTTTTTTCAGAGGCCAAAAAGGCATTGGGATCTTCTGTCTTACACTGGGGCTACTTACCCAGC
 AAAGATGACTATTTCCAAGTACTGTGCATGGCTGATGTTGTCTCATCTCAACAGCTAAGCATGAATCTTTG
 GAGTGGCAATGTTGGAAGCTGTGTACTGTGGGTGTTACCCACTTTGTCTAAAGATTTGGTTTATCCCGA
 AATATTTCCAGCTGAATATCTGTATTCTACACCTGAACAGCTTTCAAAAAGGCTCCAGAATTTCTGCAAG
 AGACCAGATATTATAAGAAAACATCTCTATAAGGGTGAATCGCTCCGTTTTCTTGGGCAGCCCTACATG
 GTAAATTCAGGTCTCTGCTTACAACAGAACCTAGGGAAGATTTG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC221336 representing NM_001006636
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MSILIIIEAFYGGSHKQLVDLLQEELGDCVVYTLPAKKWHWRARTSALYFSQTIPISEHYRTLFASSVLNL
 TELAALRPDLGKLKKILYFHENQLIYPVKKCQERDFQYGYNQILSCLVADVVFNSVFNMESFLTSMGKF
 MKLIPDHRPKDLESIIRPKCQVIYFPIRFPDVSFRMPKHKTTHLKKMLGLKNGGAVLSMALPFQPEQRD
 SEDLLKNFNSECDTHCGLDARQEYLGNSLRQESDLKKSTSSDNSSSHHGENKQNLTVDPDILGGVDNQ
 QRLLIHVWPHRWEHDKDPESFFKVLMLKDLGLNFHVSVLGETFTDVPDIFSEAKKALGSSVLHWGYLPS
 KDDYFQVLCMADVISTAKHEFFGVAMLEAVYCGCYPLCPKDLVYPEIFPAEYLYSTPEQLSKRLQNFCK
 RPDIIIRKHLKYGEIAPFSWAALHGKFRSLLTTEPREDL

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:

AAV-2

ACCN:

NM_001006636

ORF Size:

1374 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_001006636.1</u>
RefSeq Size:	2692 bp
RefSeq ORF:	1377 bp
Locus ID:	79712
UniProt ID:	<u>Q4AE62</u>
Cytogenetics:	2q22.3
MW:	52.4 kDa