

Product datasheet for **RC218280A1V**

Human Thymidine Kinase 1 (TK1) (NM_003258) AAV Particle

Product data:

Product Type: AAV Particles

Tag: Myc-DDK

Symbol: Thymidine Kinase 1

Synonyms: TK2

Mammalian Cell None

Selection:

Vector: pAAV-AC-Myc-DDK (PS100089)

ORF Nucleotide Sequence: >RC218280 representing NM_003258.
Blue=ORF Red=Cloning site Green=Tag(s)

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GCTCGTTTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGGCCGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCCGATCGCC
ATGAGCTGCATTAACCTGCCCACTGTGCTGCCTGGCTCCCCAGCAAGACCCGGGGGCAGATCCAGGTG
ATTCTCGGGCCGATGTTCTCAGGAAAAAGCACAGAGTTGATGAGACGCGTCCGTCGCTTCCAGATTGCT
CAGTACAAGTGCTGGTGATCAAGTATGCCAAAGACACTCGCTACAGCAGCAGCTTCTGCACACATGAC
CGGAACACCATGGAGGCACTGCCCGCTGCCTGCTCCGAGACGTGGCCAGGAGGCCCTGGGCGTGGCT
GTCATAGGCATCGACGAGGGGCAGTTTTTCCCTGACATCGTGGAGTTCTGCGAGGCCATGGCCAACGCC
GGGAAGACCGTAATTGTGGCTGCACTGGATGGGACCTTCCAGAGGAAGCCATTTGGGGCCATCCTGAAC
CTGGTGCCGCTGGCCGAGAGCGTGGTGAAGCTGACGGCGGTGTCATGGAGTGCTTCCGGGAAGCCGCC
TATACCAAGAGGCTCGGCACAGAGAAGGAGGTGAGGTGATTGGGGGAGCAGACAAGTACCACTCCGTG
TGTCGGCTCTGCTACTTCAAGAAGGCCTCAGGCCAGCCTGCCGGGCCGACAACAAAGAGAACTGCCCA
GTGCCAGGAAAGCCAGGGGAAGCCGTGGCTGCCAGGAAGCTCTTGGCCACAGCAGATTCTGCAATGC
AGCCCTGCCAAC
ACCGCGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATTACAAG
GATGACGACGATAAGGTTTAAACGGCCGCCGCCGGT
```

Protein Sequence: >Peptide sequence encoded by RC218280
Blue=ORF Red=Cloning site Green=Tag(s)

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MSCINLPTVLPGSPSKTRGQIQVILGPMFSGKSTELMRRVRRFQIAQYKCLVIKYAKDTRYSSSFCTHD
RNTMEALPACLLRDVAQEALGVAVIGIDEGQFPDIVEFCEAMANAGKTVIVAALDGTFRKPFGAILN
LVPLAESVVKLTAVCMCFREAAATKRLGTEKEVEVIGGADKYHSVCRLCYFKKASGQAPGPDNKENC
VPGKPGEAVAARKLFAPQQILQCPAN
TRPLEQKLISEEDLANDILDYKDDDDKV
```

Species: Human



Serotype:	AAV-2
ACCN:	NM_003258
ORF Size:	702 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:	NM_003258.1
RefSeq Size:	1616 bp
RefSeq ORF:	705 bp
Locus ID:	7083
UniProt ID:	P04183
Cytogenetics:	17q25.3
MW:	25.5 kDa