

Product datasheet for **RC207113A1V**

Human Thymine DNA glycosylase (TDG) (NM_003211) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human Thymine DNA glycosylase (TDG) (NM_003211) AAV Particle
Tag:	Myc-DDK
Symbol:	Thymine DNA glycosylase
Synonyms:	hTDG
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)
ORF Nucleotide Sequence:	>RC207113 ORF sequence Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCCGCC**GCGATCGCC**

ATGGAAGCGGAGAACGCGGGCAGCTATTCCTTCAGCAAGCTCAAGCTTTTTATACGTTTCCATTTCAACAACTGATGGCTGAAGCTCCTAATATGGCAGTTGTGAATGAACAGCAAATGCCAGAAGAAGTTCAGCCCCAGCTCTGCTCAGGAACCAAGAGGCTCCAAAAGGAAGAAAAGAAAACCCAGAACAACAGAACCAAAACAACCAAGTGAACCCAAAAACCTGTTGAGTCAAAAAATCTGGCAAGCTGCAAAAATCAAAAGAAAACAAGAAAAAATTACAGACACATTTAAAGTAAAAAGAAAAGTAGACCGTTTTAATGGTGTTCAGAAGCTGAACCTCTGACCAAGACTCTCCCGATATTTTGACCTTCAATCTGGACATTGTCATTATTGGCATAAACCCGGGACTAATGGCTGCTTACAAAGGGCATCATTACCCTGGACCTGGAAACCATTTTTGGAAGTGTGTGTATGTACAGGGCTCAGTGAGGTCCAGCTGAACCATATGGATGATCACACTCTACCAGGGAAGTATGGTATGGATTTACCAACATGGTGGAAAGGACCAGCCCGGCAGCAAAGATCTCTCCAGTAAAGAATTCGTGAAAGGAGCATTCTAGTACAGAAATTACAGAAATATCAGCCACGAATAGCAGTGTAAATGGAAATGTAATTTAGAAATTTTAGTAAAGAAGTTTTGGAGTAAAGGTTAAGAAGTGGAAATTTGGGCTTCAGCCCCAATAAGATCCAGACACAGAACTCTCTGCTATGGTATGCCATCATCCAGTGAAGATGTGCTCAGTTTCCTCGAGCCCAAGACAAAGTTCACTACTACATAAACTGAAGGACTTAAGAGATCAGTTGAAAGGCATTGAACGAAATATGGACGTTCAAGAGGTGCAATATACATTTGACCTACAGCTTGCCCAAGAGGATGCAAAGAAGATGGCTGTTAAGGAAGAAAATATGATCCAGGTTATGAGGCAGCATATGGTGGTGCTTACGGAGAAAATCCATGCAGCAGTGAACCTTGTGGCTTCTCTTCAAAATGGGCTAATTGAGAGCGTGGAGTTAAGAGGAGAATCAGCTTTCAGTGGCATTCTAATGGGCAGTGGATGACCCAGTCATTTACAGACCAAATTCCTTCTTTAGTAACTACTGTGGAACACAAGAACAGGAAGAAGAAAGCCATGCT

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATTACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence:	<p>>RC207113 protein sequence Red=Cloning site Green=Tags(s)</p> <pre> MEAEENAGSYSLQQAQAFYTFPFQQLMAEAPNMAVVNEQQMPPEEVPAPAPAQEPVQEAPKGRKRKPRTEP KQPVEPKKPVESKKSAGKSAKSKEKQEKITDTFKVVRKVDVDFNGVSEALLTKTLPDILTFNLDIVIIGIN PGLMAAYKGGHYPGPGNHFWKCLFMSGLESEVQLNHMDDHTLPGKYGIGFTNMVERTTPGSKDLSKKEFRE GGRILVQKLQKYQPRIAVFNGKCIYEIFSKEVFGVKVKNLEFGLQPHKIPDTEITLCYGMPSSSARCAQFP RAQDKVHYIYIKLKDRLDQLKGIERNMDVQEVQYTFDLQLAQEDAKKMAVKEEKYDPGYEAYGGAYGENP CSSEPCGFSNGLIESVELRGESAFSGIPNGQWMTQSF TDQIPSF SNHCGTQEQEESHASHA TRTRPLEQKLI SEEDLAANDILDYKDDDDKV </pre>
Species:	Human
Serotype:	AAV-2
ACCN:	NM_003211
ORF Size:	1230 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_003211.3
RefSeq Size:	3251 bp
RefSeq ORF:	1233 bp
Locus ID:	6996
UniProt ID:	Q13569
Cytogenetics:	12q23.3
MW:	46 kDa