

Product datasheet for **RC214927A1V**

Human TDP1 (NM_018319) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human TDP1 (NM_018319) AAV Particle
Tag:	Myc-DDK
Symbol:	TDP1
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC214927 representing NM_018319
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCCGCATCGCC

ATGTCCTCAGGAAGGCGATTATGGGAGGTGGACCATATCTAGTAGTGATGAAAGTGAGGAAGAAAAGCCAA
 AACCAGACAAGCCATCTACCTCTTCTCTCTGTGCCAGGCAAGGAGCAGCAAATGAGCCCAGGTACAC
 CTGTTCCGAGGCCAGAAAGCTGCACACAAGAGGAAAATATCACCTGTGAAATTCAGCAATACAGATTCA
 GTTTTACCTCCAAAAGGCAGAAAAGCGGTTCCAGGAGGACCTCGGCTGGTGTCTGTCCAGCAGTGATG
 ATGAGCTGCAACCAGAAATGCCGAGAAGCAGGCTGAGAAAGTGGTGATCAAAAAGGAGAAAGACATCTC
 TGCTCCCAATGACGGCACTGCCCAAAGAACTGAAAATCATGGCGCTCCCGCTGCCACAGGCTCAAAGAG
 GAGGAAGACGAGTATGAGACATCAGGGGAGGCCAGGACATTTGGGACATGCTGGATAAAGGGAACCCCT
 TCCAGTTTTACCTCACTAGAGTCTCTGGAGTTAAGCCAAAGTATAACTCTGGAGCCCTCCACATCAAGGA
 TATTTTATCTCCTTTATTTGGGACGCTTGTCTTCTCAGCTCAGTTTAACTACTGCTTTGACGTGGACTGG
 CTCGTAACAGTATCCACCAGAGTTTCAGGAAGAAGCCAAATCCTGCTTGTGCATGGTGATAAGCGAGAGG
 CTAAGGCTCACCTCCATGCCCAGGCCAAGCCTTACGAGAACATCTCTCTCTGCCAGGCAAAGTTGGATAT
 TGCCTTTGGAACACACCACAGAAAATGATGCTGCTGCTCTATGAAGAAGGCCTCCGGTTGTCTACACAC
 ACCTCCAACCTCATCCATGCTGACTGGCACCAGAAAATCAAGGAATATGGTTGAGCCCCCTTATACCCAC
 GAATTGCTGATGGAACCCACAAATCTGGAGAGTCGCCAACACATTTTAAAGCTGATCTCATCAGTTACTT
 GATGGCTTATAATGCCCTTCTCTCAAGGAGTGGATAGATGTCATTACAAAGCAGCATCTCTGAAACA
 AATGTTTATCTTATTGGTTCAACCCAGGACGCTTTCAAGGAAGTCAAAAAGATAATTGGGGACATTTTA
 GACTTAAGAAGCTTCTGAAAGACCATGCCTCATCCATGCCTAACGCAGAGTCTGGCCTGTCGTAGGTCA
 GTTTTCAAGCGTTGGCTCCTTGGGAGCCGATGAATCAAAGTGGTTATGTTCTGAGTTTAAAGAGAGCATG
 CTGACACTGGGAAGGAAGCAAGACTCCAGGAAAAAGCTCTGTTCTCTTTACTTGATCTATCCTTCTG
 TGGAAAATGTGCGGACCAGTTTAGAAGGATATCCTGCTGGGGGCTCTCTCCCTATAGCATCCAGACAGC
 TGAAAAACAGAATTGGCTGCATTCTATTTTACAAATGGTCAGCTGAGACTTCTGGCCGACGAATGCC
 ATGCCACATATTAAGACATATATGAGGCCTTCTCCAGACTTCAGTAAAATTGCTTGGTTCTTGTCAACA
 GCGCAATCTGTCCAAGGCTGCCTGGGAGCATTGGAGAAGAATGGCACCCAGCTGATGATCCGCTCCTA
 CGAGCTCGGGTCTTTTCTCCCTTCAGCATTTGGTCTAGACAGTTTCAAAGTAAACAGAAGTTCTTC
 GCTGGCAGCCAGGAGCAATGGCCACCTTCTCTGTGCCATATGATTTGCCTCCAGAACTGTATGGAAGTA
 AAGATCGCCATGGATATGGAACATTCTTATGTCAAAGCACCGGATACGCATGGGAACATGTGGGTGCC
 CTCC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

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MSQEGDYGRWTISSDSEEEKPKDPKSTSSLLCARQGAANEPRYTCEAQKAAHKRKISPVKFSNTDS
 VLPKPKRQKSGSQEDLGWCLSSDDELQPEMPQKQAEKVVIKKEKDISAPNDGTAQRTEHNGAPACHRLKE
 EDEYETSGEGQDIWMLDKGNPFQFYLTRVSGVKPKYNSGALHIKDILSPLFGLTVSSAQFNCFDQVDW
 LVKQYPPEFRKKPILLVHGDKREKAHLHAQAKPYENISLCQAKLDIAFGTHHTKMMLLLYEEGLRVVIH
 TSNLIHADWHQKTQGIWLSPLYPRIADGTHKSGESPTHFKADLISYLMAYNAPSLKEWIDVIHKHDLSET
 NVYLIGSTPGRFQGSQKDNWGHFRLKLLKDHASSMPNAESWPVVGQFSSVGLGADESKWLCSEFKESM
 LTLGKESKTPGKSSVPLYLIYPSVENVRTSLEGYPAAGSLPYSIQTAEQNWLHSYFHKWSAETSGRSNA
 MPHIKTYMRPSPDFSKIAWFLVTSANLSKAAWGALEKNGTQLMIRSYELGVLFLPSAFGLDSFKVKQKFF
 AGSQEPMATFPVPYDLPELYGSKDRPWIWNIPYVKAPDTHGNMWVPS

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species:	Human
Serotype:	AAV-2
ACCN:	NM_018319
ORF Size:	1824 bp
Buffer:	PBS with 0.001% Pluronic F7290
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_018319.3</u>
RefSeq Size:	3763 bp
RefSeq ORF:	1827 bp
Locus ID:	55775
UniProt ID:	<u>Q9NUW8</u>
Cytogenetics:	14q32.11
MW:	68.2 kDa