

Product datasheet for **RC201888A1V**

Human TDP1 (NM_001008744) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human TDP1 (NM_001008744) AAV Particle
Tag:	Myc-DDK
Symbol:	TDP1
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC201888 ORF sequence

Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGC**

ATGCTCTAGGAAGGCGATTATGGGAGGTGGACCATATCTAGTAGTGATGAAAGTGAGGAAGAAAAGCCAA
AACCAGACAAGCCATCTACCTCTTCTCTCTGTGCCAGGCAAGGAGCAGCAAATGAGCCAGGTACAC
CTGTTCCGAGGCCAGAAAGCTGCACACAAGAGGAAAATATCACCTGTGAAATTCAGCAATACAGATTCA
GTTTTACCTCCAAAAGGCAGAAAAGCGGTTCCAGGAGGACCTCGGCTGGTGTCTGTCCAGCAGTGATG
ATGAGCTGCAACCAGAAATGCCGAGAAGCAGGCTGAGAAAGTGGTGATCAAAAAGGAGAAAGACATCTC
TGCTCCCAATGACGGCACTGCCCAAAGAACTGAAAATCATGGCGCTCCCGCTGCCACAGGCTCAAAGAG
GAGGAAGACGAGTATGAGACATCAGGGGAGGCCAGGACATTTGGGACATGCTGGATAAAGGGAACCCCT
TCCAGTTTTACCTCACTAGAGTCTCTGGAGTTAAGCCAAAGTATAACTCTGGAGCCCTCCACATCAAGGA
TATTTTATCTCCTTTATTTGGGACGCTTGTCTTCTCAGCTCAGTTTAACTACTGCTTTGACGTGGACTGG
CTCGTAAACAGTATCCACCAGAGTTTCAGGAAGAAGCCAATCCTGCTTGTGCATGGTGATAAGCGAGAGG
CTAAGGCTCACCTCCATGCCCAGGCCAAGCCTTACGAGAACATCTCTCTCTGCCAGGCAAAGTTGGATAT
TGCGTTTGAACACACCACACGAAAATGATGCTGCTGCTCTATGAAGAAGGCCTCCGGTTGTCATACAC
ACCTCCAACCTCATCCATGCTGACTGGCACCAGAAAATCAAGGAATATGGTTGAGCCCCCTATACCCAC
GAATTGCTGATGGAACCCACAAATCTGGAGAGTCGCCAACACATTTTAAAGCTGATCTCATCAGTTACTT
GATGGCTTATAATGCCCTTCTCTCAAGGAGTGGATAGATGTCATTACAAGCACGATCTCTTGAAACA
AATGTTATCTTATTGGTTCAACCCAGGACGCTTTCAAGGAAGTCAAAAAGATAATTGGGGACATTTTA
GACTTAAGAAGCTTCTGAAAGACCATGCCTCATCCATGCCTAACGCAGAGTCTGGCCTGTCGTAGGTCA
GTTTTCAAGCGTTGGCTCCTTGGGAGCGATGAATCAAAGTGGTTATGTTCTGAGTTTAAAGAGAGCATG
CTGACACTGGGAAGGAAGCAAGACTCCAGGAAAAAGCTCTGTTCTCTTTACTTGATCTATCCTTCTG
TGGAAATGTGCGGACCAGTTTAGAAGGATATCCTGCTGGGGGCTCTCTCCCTATAGCATCCAGACAGC
TGAAAAACAGAATTGGCTGCATTCCTATTTTACAAATGGTCAGCTGAGACTTCTGGCCGACGAATGCC
ATGCCACATATTAAGACATATATGAGGCCTTCTCCAGACTTCAGTAAAATTGCTTGGTTCTTGTCAAA
GCGCAATCTGTCCAAGGCTGCCTGGGAGCATTGGAGAAGATGGCACCAGCTGATGATCCGCTCCTA
CGAGCTCGGGTCTTTTCTCCCTTCAGCATTTGGTCTAGACAGTTTCAAAGTAAACAGAAGTTCTTC
GCTGGCAGCCAGGAGCAATGGCCACCTTCTCTGTCCATATGATTTGCCTCCAGAACTGTATGGAAGTA
AAGATCGCCATGGATATGGAACATTCCTTATGTCAAAGCACCGGATACGCATGGGAACATGTGGGTGCC
CTCC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC201888 protein sequence

Red=Cloning site Green=Tags(s)

MSQEGDYGRWTISSDSEEEKPKDPKSTSSLLCARQGAANEPRYTCEAQKAAHKRKISPVKFSNTDS
VLPPKRQKSGSQEDLGWCLSSDDELQPMPQKQAEKVVIKKEKDISAPNDGTAQRTEHNGAPACHRLKE
EEDEYETSGEGQDIWMDLKGPNPFQFYLTRVSGVKPKYNSGALHIKDILSPLFGLTVSSAQFNCFDQDW
LVKQYPPEFRKKPILLVHGDKREKAHLHAQAPYENISLCQAKLDIAFGTHHTKMMLLLYEEGLRVVIH
TSNLIHADWHQKTQGIWLSPLYPRIADGTHKSGESPTHFKADLISYLMAYNAPSLKEWIDVIHKHDLSET
NVYLIGSTPGRFQGSQKDNWGHFRLKLLKDHASSMPNAESWPVVGQFSSVGLGADESKWLCSEFKESM
LTLGKESKTPGKSSVPLYLIYPSVENVRTSLEGYPAAGSLPYSIQTAEQNWLHSYFHKWSAETSGRSNA
MPHIKTYMRPSPDFSKIAWFLVTSANLSKAAWGALEKNGTQLMIRSYELGVLFLPSAFGLDSFKVKQKFF
AGSQEPMATFPVPYDLPELYGSKDRPWIWNIPYVKAPDTHGNMWVPS

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species:	Human
Serotype:	AAV-2
ACCN:	NM_001008744
ORF Size:	1824 bp
Buffer:	PBS with 0.001% Pluronic F5243
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_001008744.1</u>
RefSeq Size:	3540 bp
RefSeq ORF:	1827 bp
Locus ID:	55775
UniProt ID:	<u>Q9NUW8</u>
Cytogenetics:	14q32.11
MW:	68.4 kDa