

## Product datasheet for RC210639A1V

### Human TDP43 (TARDBP) (NM\_007375) AAV Particle

#### Product data:

**Product Type:** AAV Particles  
**Product Name:** Human TDP43 (TARDBP) (NM\_007375) AAV Particle  
**Tag:** Myc-DDK  
**Symbol:** TDP43  
**Synonyms:** ALS10; TDP-43  
**Mammalian Cell Selection:** None  
**Vector:** pAAV-AC-Myc-DDK (PS100089)  
**ORF Nucleotide Sequence:** >RC210639 ORF sequence  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCCCGCATCGCC

ATGCTGAATATATTCGGGTAACCGAAGATGAGAACGATGAGCCCATTGAAATACCATCGGAAGACGATG  
 GGACGGTGTCTCTCCACGGTTACAGCCAGTTCCAGGGCGTGTGGGCTTCGCTACAGGAATCCAGT  
 GTCTCAGTGTATGAGAGGTGTCCGGCTGGTAGAAGGAATTCGCATGCCCCAGATGCTGGCTGGGAAAT  
 CTGGTGTATGTTGTCAACTATCCAAAAGATAACAAAAGAAAAATGGATGAGACAGATGCTTCATCAGCAG  
 TGAAGTGAAAAGAGCAGTCCAGAAAACATCCGATTTAATAGTGTGGGCTCCCATGAAAACAACCGA  
 ACAGGACCTGAAAGAGTATTTTAGTACCTTTGGAGAAGTCTTATGGTGCAGGTCAAGAAAGATCTTAAG  
 ACTGGTCATCAAGGGGTTTGGCTTTGTTTCGTTTTACGGAATATGAAACACAAGTGAAAGTAATGTCAC  
 AGCGACATATGATAGATGGACGATGGTGTGACTGCAAACCTCCTAATTCTAAGCAAAGCCAAGATGAGCC  
 TTTGAGAAGCAGAAAAGTGTGGTGGGGCGCTGTACAGAGGACATGACTGAGGATGAGCTGCGGGAGTTC  
 TTCTCTCAGTACGGGGATGTGATGGATGCTTCATCCCCAAGCCATTCAGGGCCTTTGCCTTTGTTACAT  
 TTGCAGATGATCAGATTGCGCAGTCTTTGTGGAGAGGACTTGATCATTAAAGGAATCAGCGTTCATAT  
 ATCCAATGCCGAACCTAAGCACAATAGCAATAGACAGTTAGAAAGAAGTGAAGATTTGGTGGTAATCCA  
 GGTGGCTTTGGGAATCAGGGTGGATTTGTAATAGCAGAGGGGGTGGAGCTGGTTGGGAAACAATCAAG  
 GTAGTAATATGGGTGGTGGGATGAACCTTTGGTGCCTTCAGCATTAAATCCAGCCATGATGGCTGCCGCCA  
 GGCAGCACTACAGAGCAGTTGGGTATGATGGGCATGTTAGCCAGCCAGCAGAACCAGTCAAGGCCATCG  
 GGTAATAACAAAACCAAGGCAACATGCAGAGGGAGCCAAACCAGGCCTTCGGTCTGGAATAACTCTT  
 ATAGTGGCTCTAATTCTGGTGCAGCAATTGGTTGGGGATCAGCATCCAATGCAGGGTCCGGCAGTGGTTT  
 TAATGGAGGCTTTGGCTCAAGCATGGATTCTAAGTCTTCTGGCTGGGGAATG

ACGCGTACGCGGCCGCTCGAGCAGAAAACCTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA



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<b>Protein Sequence:</b>	>RC210639 protein sequence Red=Cloning site Green=Tags(s)  MSEYIRVTEDEENDEPIEIPSEDDGTVLLSTVTAQFFGACGLRYRNPVSQCMRGVRLVEGILHAPDAGWGN LVYVVNYPKDNKRKMDLASSAVKVKRAVQKTSDLIVLGLPWKTTEQDLKEYFSTFGEVLMVQVKKDLK TGHSKGFVRFTEYETQYKVMQRHMIDGRWCDCKLPNSKQSQDEPLRSRKFVGRCTEDMTEDELREF FSQYGDVMDVFIPKPFRAFAFVTFADDQIAQSLCGEDLIKGISVHISNAEPKHNSNRQLERSGRFGGPN GGFGNQGGFGNSRGGGAGLGNNQGSNMGGGMNFGAFSINPAMMAAAQAALQSSWGMMGLASQQNQSGPS GNNQNQGNMQREPQAFGSGNNSYSGSNSGAAIGWGSASNAGSGSGFNGGFGSSMDSKSSGWGM  TRTRPLEQKLI SEEDLAANDILDYKDDDDKV
<b>Species:</b>	Human
<b>Serotype:</b>	AAV-2
<b>ACCN:</b>	NM_007375
<b>ORF Size:</b>	1242 bp
<b>Buffer:</b>	PBS with 0.001% Pluronic F68
<b>Stability:</b>	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.
<b>RefSeq:</b>	<a href="#">NM_007375.3</a>
<b>RefSeq Size:</b>	4236 bp
<b>RefSeq ORF:</b>	1245 bp
<b>Locus ID:</b>	23435
<b>UniProt ID:</b>	<a href="#">Q13148</a>
<b>Cytogenetics:</b>	1p36.22
<b>MW:</b>	44.7 kDa