

Product datasheet for **RC221083A1V**

Human TBC1D10A (NM_031937) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human TBC1D10A (NM_031937) AAV Particle
Tag:	Myc-DDK
Symbol:	TBC1D10A
Synonyms:	dj130H16.1; dj130H16.2; EPI64; TBC1D10
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC221083 representing NM_031937
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGCGAAGAGCAACGGAGAGAATGGGCGCGCGCCCGCGGCGGGAAAGCCTGTCGGGAACCCGGG
 AGAGCCTGGCCAGGGCCCCAGCGCGCAACCACGACGAAGTCAAGTCTCTCGGGTCTGACTCGGAGGC
 CAACGGCTTCGCCGAGCGCCGATCGACAAGTTCGGCTTCATCGTGGGCTCGCAGGGCGCCGAGGCGCG
 CTGGAGGAAGTACCCCTGGAGGTGCTGAGGCAGAGGGAGTCCAAGTGGCTGGACATGCTCAACAAGTGGG
 ACAAATGGATGGCCAAGAAGCACAAAAGATTCTGCTGCGGTGCCAAAAGGGCATCCCGCCTTCTCTGCG
 GGGCGGTGCTTGGCAGTACCTGTGAGGAGCAAGGTGAAGTTACAGCAGAACCCTGAAAAGTTTACGAG
 CTGGACATGTCCCTGGGACCCCAAGTGGCTGGACGTGATTGAGCGTACCTGCACCGGCAGTTCCCAT
 TCCATGAGATGTTTGTGCTCCGGGGGGGCCACGGCCAGCAGGACCTATTCGTGTGCTGAAGGCCTACAC
 GCTGTACCGGCCGAGGAGGGTACTGCCAGGCCAGGCGCCATTGCCGCTGTCTTGTCTCATGCATATG
 CCTGCTGAGCAAGCCTTCTGGTGCCTGGTACAGATCTGTGAGAAGTACCTGCCCGGCTACTACAGCGAGA
 AACTGGAGGCGATCCAGCTGGACGGGGAGATCCTTTCTCGCTGTTGCAGAAGGTGTGCGCGGTGGCCCA
 CAAGCACCTCAGCCGTCAGAAGATCGACCCGCTCCTTTATATGACAGAATGGTTCATGTGCGCCTTCTCC
 CGAACCTTGCCCTGGAGCTCTGTGCTGCGTGTCTGGGACATGTTCTTCTGTGAAGGGGTCAAGATCATCT
 TCCGGGTGGGGCTGGTGTCTGTAAGCACGCGCTGGGCTCCCTGAGAAGGTCAAAGCCTGCCAGGGCCA
 GTACGAGACCATCGAGCGACTGCGGAGCCTCAGCCCCAAGATCATGCAGGAGGCCTTTCTGGTCCAGGAG
 GTGGTGGAGTTGCCGTGACAGAGCGCCAGATTGAGCGCGAACACCTCATTAGCTGCGGCGCTGGCAGG
 AGACCCGGGGTGAGTGCAGTCCGCTCCCCGCCAGGCTGCATGGTGCCAAGGCTATCTTGGATGCAGA
 ACCTGGTCCCCGGCCTGCCCTACAACCTTCACCATCCATCCGCTGCCCTAGATGCCCCCTCCCTGGC
 TCCAAAGCCAAGCCAAGCCACCAAGCAGGCCAGAAGGAGCAGCGAAACAGATGAAGGGGAGAGGGC
 AGCTGGAGAAGCCCCAGCCCCAAATCAAGCCATGGTGGTGGCGCTGCAGGAGATGCATGTCCCCCACA
 GCATGTGCCCCGAAGGACTCAGCCCCAAGGACTCAGCCCCTCAGGATTTGGCTCCCCAGGTCTCAGCC
 CACCACCGCTCCAGGAGAGCTTGACGTCCAAGAGAGTGAGGACACCTACTTG

ACGCGTACGCGGCGGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC221083 representing NM_031937
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MAKSNGENGPRAAGESLSGTRESLAQGPDAATTDELSSLGSDSEANGFAERRIDKFGFIVGSQGAEGA
 LEEVPLEVLRQRESKWLDMNNWDKWMMAKHKHKIRLCQKGIIPPSLRGRAWQYL SGGKVKLQQNPCKFDE
 LDMSPGDPKWLVDIERDLHRQFPFHEMFVSRGGHGQQLFRVLKAYTL YRPEEGYCQAQAPIAAVLLMHM
 PAEQAFWCLVQICEKYLPGYYSEKLEAIQLDGEILFSLQKVSPVAHKHLSRQKIDPLL YMTWFMCAFS
 RTLPWSSVLRVWDMFFCEGVKIIIFRVGLVLLKHALGSPEKVKACQGQYETIERLRSLSPKIMQEAFVQE
 VVELPVTQRIERHLIQLRRWQETRGELQCRSPRLHGAKAILDAEPGPRPALQPSPIRLPLDAPLPG
 SKAKPKPPKQAQKEQRQMKGRGQLEKPPAPNQAMVVAAGDACPPQHVPKDSAPKDSAPQDLAPQVSA
 HHRSESLSQESDYL

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:

AAV-2

ACCN:

NM_031937

ORF Size:

1524 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:	<u>NM_031937.1</u>
RefSeq Size:	1973 bp
RefSeq ORF:	1527 bp
Locus ID:	83874
UniProt ID:	<u>Q9BXI6</u>
Cytogenetics:	22q12.2
MW:	56.9 kDa