

Product datasheet for **RC205159A1V**

Human TBC1D16 (NM_019020) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human TBC1D16 (NM_019020) AAV Particle
Tag:	Myc-DDK
Symbol:	TBC1D16
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide
Sequence:

>RC205159 ORF sequence

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

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGTCCTCTGGCCGCCTCCTTCGCAGGGCCTCCTCCAAGCCTCGGACCTCCTGACCCTACCCCCGGTG
GCAGCGGCAGCGGGTCCCCCTCTGTCTGGATGGAGAGATCATCTACTCCAAGAACAATGTCTGCGTGCA
CCCGCCGAGGGGCTGCAGGGGCTGGGGAGCACCACCCAGGTTACCTGTGCTTGACATGGAGAAGGAT
GAGATGCTGGGAGCCACCCTCATCCTGGCATGGGTCCCAACTCTCGCATCCAGAGGCAGGACGAGGAGG
CCCTGCGCTACATCACACCCGAGAGCTCCCCGTTTCGAAGGCACCCCGCCCTCGGGGCCGGCGACCCG
GAGCTCAGGAGCCTCCACACAGCCTCCCGACGGAGCTGCGGCTACCTGACCCCAAGATGAGGAC
ATCCTGGTGGTGGCCAGAGTGTTCAGACCGCATGCTCGCCAGCCCTGCGCCAGAGGATGAGGAGAAGC
TGGCGCAGGGCTTGGGGTGGATGGTGGCCAGCCAGCCTCGCAGCCTGCTTGACGCCCTCCGGGATCTT
GTCGACGGTCAGTCCGAGGATGTACCGAGGAGGGGCGGGAGCCGCGGCCGAGGCCGGGGAGGAGGAT
GGCTCTTTGGAAGTGTACGCCGAGGGCGTGAGCAGAGACAGCTCCTTTGACTCAGACTCAGACACCTTCT
CCTCGCCCTTCTGCTCTCGCCATCAGCGCGGCGCTGGCCGAGAGCCGCGGCTCCGTGTTTCTGAAAAG
TGACAGCAGCCCCCGTCCAGCTCCGACGCCGGCTGCGGTTCCCGACAGCAACGGCCTCCTGCAGACC
CCACGCTGGGACGAGCCGAGCGGGTGTGCGCCTGGAGCAGATTTGCGCGTGTTCGCGTGGACCTGG
GCCACATGCGCTCCCTCCGCTTTTCTTCAGCGACGAGGCTGCACACGCGGCCAGCTGGTGTGTCAG
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CAGTGGAAATACTGCACCGAGATGCAGCTCAAAGACCAGCAGGTGCCCCGATAAGACATGCATGCAGT
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CGTCTCCGCTGGCTCAACCACCTGAATGAGCTGGGCCAGGTGGAGGAGGAGTACAAGCTGCGGAAGGCC
ATTTTCTTTGGCGGTATTGATGTGTCAATCCGCGGGGAGGTCTGGCCCTTCTGCTGCGTATTACAGCC
ACGAGTCCACGTGCGAGGAGCGGGAGGCGCTGCGGCTGCAGAAGCGAAAGGAGTACTCTGAGATCCAGCA
GAAAAGGCTCTCCATGACTCCCGAGGAGCACAGAGCGTTCTGGCGTAATGTGCAGTTCACTGTGGACAAA
GACGTGGTCCGGACAGATCGGAACAACCAAGTTCTTCGGGGGGAAGACAATCCCAATGTGGAGAGCATGA
GGAGGATCCTGCTGAATAAGCGGTGTACAACCTGCCGTGGCTATTCCCAAGGGATGTCGGACCTGGT
GGCGCCCATCTTGGCCGAGGTCCTGGATGAGTCAGACACCTTCTGGTGTCTTGTGGGTTTGATGCAGAAC
ACGATCTTCGTCAGCTACCCCGGGACGAGGACATGGAGAAACAAGTGTGTACCTGCGCGAGCTGCTGC
GGCTGACGCACGTGCGCTTCTACCAGCACCTGGTCTCGCTGGGCGAGGACGGCCTGCAGATGCTCTTCTG
CCACCGCTGGCTCCTTCTGTGCTTCAAGCGGGAGTTCCCGAGGCCGAAGCGCTGCGGATCTGGGAGGCC
TGCTGGGCCCCACTACCAGACGGACTACTTCCACCTTTTCATCTGCGTGGCCATCGTGGCCATCTACGGGG
ATGACGTATCGAGCAGCAGCTGGCCACGGACAGATGCTCCTGCACTTCGGAACCTGGCCATGCACAT
GAACGGGGAGCTCGTTCTCCGGAAGGCGAGGAGTTTGTGTACCAAGTTCGCTCCTGCCCCGGATCCCC
TGCAGCCTGCAGATCTGTGAAGCTGTGCGGGTCAGGCATGTGGGACAGCGGCTCCATGCCCGCGGTGG
AGTGACCGGCCACCATCCCGGCTCGGAGAGCTGTCCCTACGGGGGCACGGTGGAGATGCCTTCCCCCAA
GTCCCTGAGGGAAGGCAAGAAGGGCCCAAGACGCCGACGAGGCTTCGGCTTCGCGAGA

ACGCGTACGCGGCGGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:	>RC205159 protein sequence Red=Cloning site Green=Tags(s) MSLGRLRRASSKASDLLTTPGGSGSGSPSVLDGEIIYSKNNVCVHPPEGLQGLGEHHPGYLCCLYMEKD EMLGATLILAWVPNSRIQRQDEEALRYITPESSPVRKAPRPRGRTRSSGASHQPSPTLRPTLTPKDED ILVVAQSVDPDRMLASPAPEDEEKLAQGLGVDGAQPASQPACSPSGILSTVSPQDVTEEGREPRPEAGEED GSLELSAEGVSRDSSFDSDTFSSPFCLSPISAALAESRGSVFLESDDSSPPSSSDAGLRFDPDSNGLLQT PRWDEPQRVCALEQICGVFRVDLGHMRSLRLLFFSDEACTSGQLVVASRESQYKVFHFGGLDKLSDVFQ QWKYCTEMQLKDQQVAPDKTCMQFSIRRPKLPSSETHPEESMYKRLGVSANLNLGQVEEEYKLRKA IFFGGIDVSIRGEVWPFLRRYSHESTSEEREALRLQKRKEYSEIQKRLSMTPEEHRAFWRNQFTVVK DVVRTDRNNQFFRGEDNPNVESMRILLNYAVYNPAVGYSQGMSDLVAPILAEVLDESDFWCFVGLMQN TIFVSSPRDEMEKQLLYLRELLRLTHVRFYQHLVSLGEDGLQMLFCHRWLLLCFKREFPEAEALRIWEA CWAHYQTDYFHLFICVAIVAIYGDDVIEQQLATDQMLLHFGNLAMHMNGELVLRKARSLLYQFRLLPRIP CSLHDLCKLCGSGMWDSGSMFAVECTGHHPGSESCPYGGTVEMPSPKSLREGKKGPKTPQDGFGR TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_019020
ORF Size:	2301 bp
Buffer:	PBS with 0.001% Pluronic F5640
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_019020.2</u>
RefSeq Size:	10956 bp
RefSeq ORF:	2304 bp
Locus ID:	125058
UniProt ID:	<u>Q8TBP0</u>
Cytogenetics:	17q25.3
MW:	86.4 kDa