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Product datasheet for RC217476A1V

Human TTC12 (NM_017868) AAV Particle

Product data:

Product Type:	AAV Particles
Tag:	Myc-DDK
Symbol:	TTC12
Synonyms:	CILD45; TPARM
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)

ORF Nucleotide Sequence:

>RC217476 representing NM_017868
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGGATGCTGATAAAGAGAAAGATTTGCAGAAATTTCTTAAAAATGTGGATGAAATCTCCAATTTAATTC
AGGAGATGAATTCTGATGACCCAGTTGTGCAACAGAAAGCTGTCCTGGAGACAGAAAAGAGACTACTGCT
TATGGAGGAAGACCAGGAGGAGGATGAATGCAGGACCACCTTGAACAAGACTATGATCAGTCCTCCACAA
ACTGCTATGAAGAGTGCAGAAGAAATAAACTCAGAGGCCTTCTTGGCATCTGTGGAGAAGGATGCAAAGG
AACGAGCCAAGAGAAGAAGGGAAAACAAAGTCTTGGCGGATGCCCTAAAAGAAAAAGGGAATGAAGCATT
TGCTGAAGGCAATTATGAAACAGCTATCCTGCGCTACAGTGAGGGTTTGGAGAAGCTGAAGGACATGAAA
GTGCTGTACACCAACCGAGCCCAGGCTTATATGAAACTTGAGGACTATGAGAAGGCACTGGTGGATTGTG
AGTGGGCTCTCAAGTGTGATGAAAAATGCACAAAAGCATATTTTCACATGGGAAAAGCCAACCTGGCCCT
GAAGAACTACAGTGTGTCTAGAGAGTGTTATAAGAAGATCTTAGAAATAAACCCCAAGCTGCAAACCCAG
GTGAAAGGTTACCTGAATCAAGTAGATCTTCAGGAAAAAGCAGACCTTCAAGAAAAGGAAGCCCACGAAC
TGCTGGATTCAGGAAAGAACACAGCCGTGACCACCAAGAACCTCCTGGAGACCCTTTCCAAGCCTGACCA
GATCCCCTTGTTCTATGCTGGGGGGATTGAGATCCTGACTGAAATGATAAATGAGTGCACAGAACAAACT
TTATTCAGAATGCACAATGGATTTAGTATCATCAGTGACAACGAGGTCATAAGAAGGTGTTTTTCCACAG
CAGGAAATGATGCAGTTGAAGAAATGGTCTGTGTGTCTGTTCTCAAGCTCTGGCAAGCAGTGTGCAGCAG
GAACGAGGAAAACCAGCGTGTGCTAGTGATACACCATGACAGGGCCAGGCTGTTGGCCGCCCTCTTGTCC
TCCAAGGTCCTGGCCATCCGGCAGCAGAGCTTTGCCCTGCTGCTGCATCTCGCCCAGACTGAGAGCGGAC
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GGATAAGGAGGCCAACACTGCTATGGGACTGTTCACAGACTTGGCTCTGGAAGAAAGATTCCAAGTCTGG
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GCTCCTCGGCTCTGTGCCAGTGCATTGCCATCATGGGAAACCTCAGTGCTGAGCCCACTACCCGAAGACA
CATGGCGGCCTGTGAGGAATTTGGGGATGGCTGCTTGAGCCTCCTGGCCAGGTGTGAGGAGGATGTGGAC
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CTGAGGTTTGGGCTGTGGAGGTGAGCAGAAGGTGCCTGTCTTTACTAAACAGCCAGGATGGAGGAATCCT
GACAAGAGCTGCTGGTGTTCTGAGCCGGACCCTTTCTTCCTCTCTGAAAATTGTTGAGGAGGCCTTGCGA
GCAGGAGTGGTAAAGAAAATGATGAAATTCCTGAAGACAGGAGGTGAGACTGCATCACGTTATGCTATAA
AGATACTAGCTATCTGCACGAATAGTTATCATGAAGCTCGGGAAGAAGTAATAAGACTGGATAAAAAGTT
GAGCGTTATGATGAAGCTGCTCAGCTCGGAGGATGAGGTTCTGGTGGGCAACGCTGCCCTCTGCCTTGGT
AACTGCATGGAGGTGCCCAACGTTGCGTCTTCCCTGCTAAAGACGGACCTTTTGCAGGTCTTGTTAAAGC
TTGCAGGCAGTGACACACAGAAGACGGCCGTGCAGGTGAACGCAGGCATTGCTCTGGGGAAGCTGTGCAC
AGCTGAGCCCAGATTTGCTGCTCAACTGAGAAAGCTTCATGGCCTAGAAATTCTCAACTCTACGATGAAA
TACATCAGTGATTCT

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC217476 representing NM_017868
Red=Cloning site Green=Tags(s)

MDADKEKDLQKFLKNVDEISNLIQEMNSDDPVVQQKAVLETEKRLLLMEEDQEEDECRTTLNKTMISPPQ
TAMKSAEEINSEAFLASVEKDAKERAKRRRENKVLADALKEKGNEAFAEGNYETAILRYSEGLEKLKDMK
VLYTNRAQAYMKLEDYEKALVDCEWALKCDEKCTKAYFHMGKANLALKNYSVSRECYKKILEINPKLQTQ
VKGYLNQVDLQEKADLQEKEAHELLDSGKNTAVTTKNLLETLSKPDQIPLFYAGGIEILTEMINECTEQT
LFRMHNGFSIISDNEVIRRCFSTAGNDAVEEMVCVSVLKLWQAVCSRNEENQRVLVIHHDRARLLAALLS
SKVLAIRQQSFALLLHLAQTESGRSLIINHLDLTRLLEALVSFLDFSDKEANTAMGLFTDLALEERFQVW
FQANLPGVLPALTGVLKTDPKVSSSSALCQCIAIMGNLSAEPTTRRHMAACEEFGDGCLSLLARCEEDVD
LFREVIYTLLGLMMNLCLQAPFVSEVWAVEVSRRCLSLLNSQDGGILTRAAGVLSRTLSSSLKIVEEALR
AGVVKKMMKFLKTGGETASRYAIKILAICTNSYHEAREEVIRLDKKLSVMMKLLSSEDEVLVGNAALCLG
NCMEVPNVASSLLKTDLLQVLLKLAGSDTQKTAVQVNAGIALGKLCTAEPRFAAQLRKLHGLEILNSTMK
YISDS

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species: Human

Serotype: AAV-2

ACCN: NM_017868

ORF Size: 2115 bp

Buffer: PBS with 0.001% Pluronic F7697

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: NM_017868.2

RefSeq Size: 2585 bp

RefSeq ORF: 2118 bp

Locus ID: 54970

UniProt ID: Q9H892

Cytogenetics: 11q23.2

MW: 78.6 kDa