

Product datasheet for **RC217520A1V**

Human TTF1 (NKX2-1) (NM_003317) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human TTF1 (NKX2-1) (NM_003317) AAV Particle
Tag:	Myc-DDK
Symbol:	TTF1
Synonyms:	BCH; BHC; NK-2; NKX2.1; NKX2A; NMTC1; T/EBP; TEBP; TITF1; TTF-1; TTF1
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)
ORF Nucleotide Sequence:	>RC217520 representing NM_003317 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGC**

ATGTCGATGAGTCCAAGCACACGACTCCGTTCTCAGTGTCTGACATCTTGAGTCCCCTGGAGGAAAGCT
ACAAGAAAGTGGGCATGGAGGGCGGCCCTCGGGCTCCGCTGGCGCGTACAGGCAGGGCCAGGCGGC
ACCGCCAACAGCGGCCATGCAGCAGCAGCCGTGGGGCACCAGCGCCGTACCGCCGCTACCATATG
ACGGCGCGGGGGTGGCCAGCTCTCGCACTCCGCCGTGGGGGCTACTGCAACGGCAACCTGGGCAACA
TGAGCGAGCTGCCGCCGTACCAGGACACCATGAGGAACAGCGCCTCTGGCCCCGGATGGTACGGCGCAA
CCCAGACCCGCGCTTCCCGCCATCTCCGCTTCATGGGCCCGCGAGCGGCATGAACATGAGCGGCATG
GGCGGCCCTGGGCTCGCTGGGGGACGTGAGCAAGAACATGGCCCCGCTGCCAAGCGCGCCGCGCAGGAAGC
GCCGGGTGCTCTTCTCGCAGGCGCAGGTGTACGAGCTGGAGCGACGCTTCAAGCAACAGAAGTACCTGTC
GGCGCCGAGCGCGAGCACCTGGCCAGCATGATCCACCTGACGCCCACGAGGTCAAGATCTGGTTCCAG
AACCACCGCTACAAAATGAAGCGCCAGGCCAAGGACAAGGCGCGCAGCAGCAACTGCAGCAGGACAGCG
GCGGCGCGGGGGCGGGGGGACCGGGTGGCCGAGCAGCAACAGGCTCAGCAGCAGTCCGCGGACG
CGTGGCGGTGCCGTCTGGTGAAGACGGCAAACCGTGCCAGGCGGGTGGCCCCGCGCGGGGCGCGCC
AGCCTACAAGGCCACGCGCAGCAGCAGGCGCAGCACCAGGCGCAGGCCGCGCAGGCGGCGCAGCGGCCA
TCTCCGTGGGACGCGGTGGCGCCGGCCTTGGCGCACACCGGGCCACAGCCAGGCGAGCGAGGCCAGTC
TCCGGACCTGGCGCACCAGCGCCAGCCCCGCGCGCTGCAGGGCCAGGTATCCAGCCTGTCCACCTG
AACTCCTCGGGCTCGGACTACGGCACCATGTCTGCTCCACCTTGCTATACGGTCGGACCTGG

AG**CGGACCG**ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCC
TGGATTACAAGGATGACGACGATAAGGTTAA



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Protein Sequence:	>RC217520 representing NM_003317 Red=Cloning site Green=Tags(s) MSMSPKHTTFFSVSDILSPLEESYKKVGMEGGGLGAPLAAYRQGQAAPPTAAMQQHAVGHHGAVTAAYHM TAAGVPQLSHSAVGGYCNGNLGNMSELPPYQDTMRNSASGPGWYGANPDPRFPAISRFGPASGMNMSGM GGLGSLGDVSKNMAPLPSAPRRKRRVLF SQAQVYELERRFKQKKYLSAPEREHLASMIHLTPTQVKIWFQ NHRYKMKRQAKDKAAQQQLQDSSGGGGGGGTGCPQQQAQQQSPRRVAVPVL VKDGKPCQAGAPAPGAA SLQGHAAQQQAQHQAAQAAAAAISVGSGGAGLGAHPGHQPGSAGQSPDLAHHAAASPAALQGQVSSL SHL NSSGSDYGTMSCSTLLYGRTW SGPTRTRRLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_003317
ORF Size:	1113 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_003317.3</u>
RefSeq Size:	2352 bp
RefSeq ORF:	1116 bp
Locus ID:	7080
UniProt ID:	<u>P43699</u>
Cytogenetics:	14q13.3
MW:	38.4 kDa