

Product datasheet for **RC217718A1V**

Human TCF4 (NM_003199) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human TCF4 (NM_003199) AAV Particle
Tag:	Myc-DDK
Symbol:	TCF4
Synonyms:	bHLHb19; CDG2T; E2-2; FECD3; ITF-2; ITF2; PTHS; SEF-2; SEF2; SEF2-1; SEF2-1A; SEF2-1B; SEF2-1D; TCF-4
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC217718 representing NM_003199
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGCATCACCAACAGCGAATGGCTGCCTTAGGGACGGACAAAGAGCTGAGTGATTTACTGGATTTCACTG
 CGATGTTTTACCTCCTGTGAGCAGTGGGAAAAATGGACCAACTTCTTTGGCAAGTGGACATTTTACTGG
 CTCAAATGTAGAAGACAGAAGTAGCTCAGGGTCTGGGGGAATGGAGGACATCCAAGCCCGTCCAGGAAC
 TATGGAGATGGGACTCCCTATGACCACATGACCAGCAGGGACCTTGGGTACATGACAATCTCTCTCCAC
 CTTTTGTCAATTCCAGAATACAAAGTAAACAGAAAGGGGCTCATACTCATCTTATGGGAGAGAATCAAA
 CTTACAGGTTGCCACCAGCAGAGTCTCCTTGGAGGTGACATGGATATGGGCAACCCAGGAACCTTTTCG
 CCCACCAAACTGGTTCCTCAGTACTATCAGTATTCTAGCAATAATCCCGAAGGAGGCCTCTTCACAGTA
 GTGCCATGGAGGTACAGACAAAGAAAGTTCGAAAAGTTCCTCCAGGTTTGCCATCTTCAGTCTATGCTCC
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 TCTCTCCATCTCTCAGCAGGCACAGCTGTTTGGTCTAGAAATGGAGGACAGGCCTCATCGTCTCCTA
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 ATCATTGGACCTTCTCATAATGGAGCCATGGGTGGTCTGGGCTCAGGGTATGGAACCGGCCTCTTTTCAG
 CCAACAGACATTCATCATGGTGGGAGCCCATCGTGAAGATGGCGTGGCCCTGAGAGGCAGCCATTCTCT
 TCTGCCAAACCAGGTTCCGGTTCACAGCTTCTGTCCAGTCTGCGACTTCCCCTGACCTGAACCCACCC
 CAGGACCCTTACAGAGGCATGCCACCAGGACTACAGGGGAGAGTGTCTCCTCTGGCAGCTCTGAGATCA
 AATCCGATGACGAGGGTATGAGAACCAGCAAGACACGAAATCTCGGAGGACAAGAAATTAGATGACGA
 CAAGAAGGATATCAAATCAATTACTAGCAATAATGACGATGAGGACCTGACACCAGAGCAGAAGGCAGAG
 CGTGAGAAGGAGCGGAGGATGGCCAACAATGCCGAGAGCGTCTGCGGGTCCGTGACATCAACGAGGCTT
 TCAAAGAGCTCGGCCGATGGTGCAGCTCCACCTCAAGAGTGACAAGCCCCAGACCAAGCTCCTGATCCT
 CCACCAGGCGGTGGCCGTCATCCTCAGTCTGGAGCAGCAAGTCCGAGAAAGGAATCTGAATCCGAAAGCT
 GCGTGTCTGAAAAGAAGGGAGGAAGAGAAGGTGTCTCGGAGCCTCCCCCTCTCTCCTTGGCCGGCCAC
 ACCCTGGAATGGGAGACGCATCGAATCATATGGACAGATG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:	>RC217718 representing NM_003199 Red=Cloning site Green=Tags(s) MHHQQRMAALGTDKELSDLLDFSAMFSPPVSSGKNGPTSLASGHFTGSNVEDRSSSGSWGNGGHPSPSRN YDGTPTYDHMTSRDLGSHDNLSPPFVNSRIQSKTERGSYSSYGRESNLQGCHQQSLLGGDMDMGNPGTLS PTKPGSQYYQYSSNNPRRRPLHSSAMEVQTKKVRKVPPGLPSSVYAPSASTADYNRDSPGYPSSKPATST FPSSFFMQDGHHSDDPWSSSSGMNPGYAGMLGNSSHIPQSSSYCSLHPHERLSYPSSHSSADINSSLPPM STFHRSGTNHYSTSSCTPPANGTDSIMANRGSGAAGSSQTGDALGKALASIYSPDHTNNSFSSNPSTPVG SPPSLSAGTAVWSRNGGQASSSPNYEGPLHSLQSRIEDRLERLDDAIHVLRNHAVGPSTAMPGGHGMHG IIGPSHNGAMGGLGSGYGTGLLSANRHSLMVGTHREDGVALRGSHSLLPNQVPVPQLPVQSATSPDLNPP QDPYRGMPPGLQGQSVSSGSSEIKSDDEGDENLQDTKSSDKKLDKDDKDIKITSNNDDDLTPEQKAE REKERRMANNARERLRVDINEAFKELGRMVQLHLKSDKPQTKLLILHQAVAVILSLEQQVRERNLNPKA ACLKRRREEKVSSEPPPLSLAGPHPGMGDASNHMGQM TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_003199
ORF Size:	2001 bp
Buffer:	PBS with 0.001% Pluronic F7729
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_003199.1, NP_003190.1</u>
RefSeq Size:	2500 bp
RefSeq ORF:	2004 bp
Locus ID:	6925
UniProt ID:	<u>P15884</u>
Cytogenetics:	18q21.2
MW:	71.1 kDa