

Product datasheet for **RC216645A1V**

Human Factor I (CFI) (NM_000204) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human Factor I (CFI) (NM_000204) AAV Particle
Tag:	Myc-DDK
Symbol:	CFI
Synonyms:	AHUS3; ARMD13; C3b-INA; C3BINA; FI; IF; KAF
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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**ORF Nucleotide
Sequence:**

>RC216645 representing NM_000204
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGC**

ATGAAGCTTCTTCATGTTTTCTGTATTCTGTGCTTCCACTTAAGTTTTGCAAGGTCACTTATACAT
 CTCAAGAGGATCTGGTGGAGAAAAAGTCTTAGCAAAAAATATACTCACCTCTCTGCGATAAAGTCTT
 CTGCCAGCCATGGCAGAGATGCATTGAGGGCACCTGTGTTGTAACTACCGTATCAGTGCCCAAAGAAT
 GGCAGTGCAGTGTGTGCACTAACAGGAGAAGCTTCCCAACATACTGTCAACAAAAGAGTTTGAATGTC
 TTCATCCAGGGACAAAGTTTTTAAATAACGGAACATGCACAGCCGAAGGAAAGTTTAGTGTTCCTTGAA
 GCATGGAATACAGATTCAGAGGGAATAGTTGAAGTAAACTTGTGGACCAAGATAAGACAATGTTTATA
 TGCAAAAGCAGCTGGAGCATGAGGGAAGCCAACGTGGCCTGCCTTGACCTTGGGTTTCAACAAGTGCTG
 ATACTCAAAGAAGGTTTAAAGTTGTCTGATCTCTATAAATCCACTGAATGTCTACATGTGCATTGCCG
 AGGATTAGAGACCAGTTTGGCTGAATGTACTTTTACTAAGAGAAGAACTATGGGTTACCAGGATTTCGCT
 GATGTGGTTTGTATACACAGAAAGCAGATTCTCCAATGGATGACTTCTTTCAGTGTGTGAATGGGAAAT
 ACATTTCTCAGATGAAAGCCTGTGATGGTATCAATGATTGTGGAGACCAAAGTATGAATGTGTGTGTA
 AGCATGCCAAGGCAAAGGCTTCCATTGCAATCAGGTGTTTGCATTCCAAGCCAGTATCAATGCAATGGT
 GAGGTGGACTGCATTACAGGGGAAGATGAAGTTGGCTGTGCAGGCTTTCATCTGTGGCTCAAGAAGAAA
 CAGAAATTTGACTGCTGACATGGATGCAGAAAGAACGAGATAAAATCATTATTACCTAACTATCTTG
 TGGAGTTAAAAACAGAAATGCACATTGGAAGGAAACGAATTGTGGGAGGAAAGCGAGCACAACCTGGGAGAC
 CTCCCATGGCAGGTGGCAATTAAGGATGCCAGTGAATCACCTGTGGGGAATTTATATTGGTGGCTGTT
 GGATTCGACTGCTGCACATTGTCTCAGAGCCAGTAAACTCATCGTTACCAAATATGGACAACAGTAGT
 AGACTGGATACACCCCGACCTTAAACGTATAGTAATTGAATACGTGGATAGAATTATTTCCATGAAAAAC
 TACAATGCAGGCACTTACCAAATGACATCGCTTTGATTGAAATGAAAAAAGACGAAACAAAAAAGATT
 GTGAGCTGCCTCGTTCCATCCCTGCCTGTGTCCCTGGTCTCCTTACCTATTCCAACCTAATGATACATG
 CATCGTTTCTGGCTGGGACGAGAAAAAGATAACGAAAGAGTCTTTTCACTTCAGTGGGTGAAGTTAA
 CTAATAAGCAACTGCTCTAAGTTTTACGAAATCGTTTCTATGAAAAAGAAATGGAATGTGCAGGTACAT
 ATGATGGTTCATCGATGCCTGTAAAGGGGACTCTGGAGGCCCTTAGTCTGTATGGATGCCAACAATGT
 GACTTATGTCTGGGTGTTGTGAGTTGGGGGAAAACTGTGAAAAACCAGAGTCCCAGGTGTTTACACC
 AAAGTGGCCAATTATTTTACTGGATTAGCTACCATGTAGGAAGGCCCTTTATTTCTCAGTACAATGTA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

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MKLLHVFLFLCFHLRFCKVITYTSQEDLVEKKCLAKKYTHLSCDKVFCQPWQRCIEGTCVCKLPYQCPKN
 GTAVCATNRRSFPTYCQKSLLECLHPGTFKFLNNGTCTAEGKFSVSLKHGNTDSEGIVEVKLVQDKTMFI
 CKSSWSMREANVACLDLGFQQGADTQRRFKLSDLINSSTECLHVHCRGLETSLAECTFTKRRRTMGYQDFA
 DVVYCYTQKADSPMDDFFQCVNGKYISQMKACDGINDCGDQSDCLCKACQKGKGFHCKSGVCIPSQYQCNG
 EVDCITGEDEVGCAGFASVAQEETEILTADMDAERRRIKSLPKLSCGVKNRMHIRRKRIVGGKRAQLGD
 LPWQVAIKDASGITCGGIYIGGCWILTAHCLRASKTHRYQIWTTVVDWIHPDLKRIVIEYVDRIIFHEN
 YNAGTYQNDIALIEMKKDGNKKDCELPRIACVPWSPYLFQPNDCIVSGWGREKDNERVFSLQWGEVK
 LISNCSKFYGNRFYEKEMECAGTYDGSIDACKGDSGGPLVCMDDANNVTYVWGVVSWGENCGKPEFPGVYT
 KVANYFDWISYHVGPRFISQYNV

TRTRPLE**QKL**ISEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:

AAV-2

ACCN:	NM_000204
ORF Size:	1749 bp
Buffer:	PBS with 0.001% Pluronic F7566
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_000204.1</u>
RefSeq Size:	1963 bp
RefSeq ORF:	1752 bp
Locus ID:	3426
UniProt ID:	<u>P05156</u>
Cytogenetics:	4q25
MW:	65.72 kDa