

Product datasheet for **RC202416A1V**

Human CTCF (NM_006565) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human CTCF (NM_006565) AAV Particle
Tag:	Myc-DDK
Symbol:	CTCF
Synonyms:	CFAP108; FAP108; MRD21
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC202416 ORF sequence

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

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGAAGGTGATGCAGTCAAGCCATTGTGGAGGAGTCCGAACTTTTATTAAGGAAAGGAGAGAAAGA
CTTACCAGAGACGCCGGAAGGGGGCCAGGAAGAAGATGCCTGCCACTTACCCAGAACAGACGGATGG
GGGTGAGGTGGTCCAGGATGTCAACAGCAGTGTACAGATGGTGTATGGAACAGCTGGACCCACCCCTT
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AGATTATAACTTTACAGTTTGTAAATATGGAGGAACAGCCATAAACATAGGAGAACTTCAGCTTGTTC
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ACCATGAAGATGCACATTTTACAGAAGCACACAGAAAATGTGGCCAAATTTCACTGTCCCACTGTGACA
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GAAATTGAACCTGAGCCAGAGCCTCAGCCTGTGACCCAGCCCAACCCCGCCAAGAAGCGGAGAGGAC
GACCCCTGGCAGAACCAACAGCCCAACAGAACAGCAACAGCTATCATTAGGTTGAAGACCAGAA
TACAGGTGCAATTGAGAACATTATAGTTGAAGTAAAAAAGAGCCAGATGCTGAGCCCGCAGAGGGAGAG
GAAGAGGAGGCCAGCCAGCTGCCACAGATGCCCCAACGGAGACCTCACGCCGAGATGATCCTCAGCA
TGATGGACCG

ACGCGTACGCGGCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:	>RC202416 protein sequence Red=Cloning site Green=Tags(s) MEGDAVEAIVEESETFIK GKERTYQRRREGGQEEDACHLPQNQTDGGEVVQDVNSSVQVMMEQLDPTL LQMKTEVMEGTVAPEAEAAVDDTQIITLQVVMEEQPINIGELQLVQVPVPTVPVATTSVEELQGAYEN EVSKEGLAESEPMICHTLPLPEGFQVVKVGANGEVETLEQGELPPQEDPSWQKDPDYQPPAKKTKKTKKS KLRYTEEGKDVDVSVYDFEEEQEGLLSEVNAEKVVGNMKPPKPTKIKKKGVKKTFCQELCSYTCPRRSN LDRHMKSHTDERPHKCHLCGRAFRTVTLLRNHLNTHGTGRPHKCPDCDMAFVTSSELVRHRRYKHTHEKP FKSCMCDYASVEVSKLKRHIRSHTGERPFQCSLCSYASRDYKLRHMRTHSGEKPYESYICHARFTQSG TMKMHLQKHTENVAKFHCPHCDTVIARKSDLGVHLRKQHSYIEQGKKCRYCDAVFHRYALIQHKSHK NEKRFKCDQCDYACRQERHIMHKRTHTEKPYACSHCDKTFRQQLDMHFKRYHDPNFVPAAFVCSKC GKTFTRRNTMARHADNCAGPDGVEGENGGETKKS KRGRKMRSKKEDSSDSENAEPDLDDNEDEEPAV EIEPEPEPQVTPAPPAKKRRGRPPGRTNQPKQNQPTAIIQVEDQNTGAIENIIVEVKKEPDAEPAEGE EEEEQPAATDAPNGDLTPEMILSMMDR TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_006565
ORF Size:	2181 bp
Buffer:	PBS with 0.001% Pluronic F5328
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_006565.2</u>
RefSeq Size:	3946 bp
RefSeq ORF:	2184 bp
Locus ID:	10664
UniProt ID:	<u>P49711</u>
Cytogenetics:	16q22.1
MW:	82.8 kDa