

Product datasheet for **MR210366A1V**

Mouse Ctcf (NM_181322) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Mouse Ctcf (NM_181322) AAV Particle
Tag:	Myc-DDK
Symbol:	Ctcf
Synonyms:	AW108038
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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**ORF Nucleotide
Sequence:**

>MR210366 ORF sequence

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

 TTTTGTAAACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

 ATGGAAGGTGAGGCGTTGAAGCCATTGTGGAGGAGTCTGAACTTTTCATTAAGGAAAAGAAAGAAAGA
CTTACCAGAGACGCCGGAAGGGGGCCAGGAAGAAGATGCTTGCCACCTGCCCCAGAACCAGACAGATGG
GGGTGAGGTGGTCCAGGATGTCAACAGCAGTGTACAGATGGTAATGATGGAACAGCTGGATCCTACCCCTT
CTCCAGATGAAGACTGAAGTCATGGAGGTACAGTGGCTCCGGAAGCAGAGGCTGCAGTGGACGATACCC
AGATCATAACCTTGCAGGTTGTAATATGGAGGAACAGCCATTAACATAGGAGAGCTTCAGCTTGTCCTCA
AGTACCTGTTCTGTGACGGTACCTGTTGCTACTTCACTAGTAGAAGAACTTCAGGGGGCTTATGAGAAT
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CTGGAGAGCGCCCGTTCCAGTGCAGTTTGTGCAGTTATGCCAGCAGGGACACATACAAGCTGAAAAGGCA
TATGAGAACCCATTACAGGGGAAAAACCTTATGAATGTTATATTTGTACGCTCGGTTTACCCAGAGTGGT
ACCATGAAGATGCACATTTTACAGAAGCACACAGAAAATGTGGCCAAATTTATTGTCCCCATTGTGACA
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CCTCGACATGCATTTCAAGCGCTATCATGATCCCAACTTGTCCCTGCTGCCTTTGTCTGTTCCAAGTGT
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AGACTCCTCTGACAGTGAAGAAAATGCTGAGCCGGATCTCGATGACAATGAGGAGGAGGAGGAGCCTGCT
GTAGAAATTGAACCTGAGCCAGAGCCTCAGCCCCAGCCTCCGCCTCCACCTCAGCCTGTGGCCCCGGCCC
CCCCACCTGCCAAGAAGAGAAGGGGGGACCTCCTGGAAGAACCAACCAGCCCAACAGAACAGCCAAC
AGCCATCATTCAAGTCAAGATCAGAATACAGGTGCAATTGAGAACATTATAGTTGAAGTCAAAAAGGAG
CCAGATGCCGAGCCTGCGGAGGGGGAAGAAGAGGAGGCTCAGGCAGCCACCACAGACGCCCCCAACGGAG
ACCTCACGCCTGAGATGATCCTCAGCATGATGGACCG

ACGCGTACGCGGCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:	>MR210366 protein sequence Red=Cloning site Green=Tags(s) MEGEAVEAIVEESETFIK GKERTYQRRREGGQEEDACHLPQNQTGGGEVVQDVNSSVQVMMEQLDPTL LQMKTEVMEGTVAPEAEAAVDDTQIITLQVVMEEQPINIGELQLVQVPVPTVPVATTSVEELQGAYEN EVSKEGLAESEPMICHTLPLEGFQVVKVGANGEVETLEQGELPPQEDSSWQKDPDYQPPAKKTKKTKKS KLRYTEEGKDVDVSVYDFEEEQEGLLSEVNAEKVVGNMKPPKPTKIKKKGVKKTFCCELCSYTCPRRSN LDRHMKSHTDERPHKCHLCGRAFRVTLLRNHLNTHGTGRPHKCPDCDMAFVTSSELVRHRRYKHTHEKP FKSCMCDYASVEVSKLKRHIRSHTGERPFQCSLCSYASRDYKLRHMRTHSGEKPYESYICHARFTQSG TMKMHILQKHTENVAKFHCPHCDTVIARKSDLGVHLRKQHSYIEQGKKCRYCDAVFHERYALIQHKSHK NEKRFKCDQCDYACRQERHIMHKRTHTEKPYACSHCDKTFRQKQLDMHFKRYHDPNFVPAAFVCSKC GKTFTRRNTMARHADNCAGPDGVEGENGGETKKS KRGRKRMRSKKEDSSDSEENAEPDLDDNEEEEP VEIEPEPEPQPQPPPPQPVAPAPPAKKRRGRPPGRTNQPKQNQPTAIIQVEDQNTGA IENIIVEVKKE PDAEPAEGEEEAQAATTDAPNGDLTPEMILSMMDR TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Mouse
Serotype:	AAV-2
ACCN:	NM_181322
ORF Size:	2208 bp
Buffer:	PBS with 0.001% Pluronic F1457
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_181322.3, NP_851839.1</u>
RefSeq Size:	3848 bp
RefSeq ORF:	2211 bp
Locus ID:	13018
UniProt ID:	<u>Q61164</u>
Cytogenetics:	8 D3
MW:	83.7 kDa