

Product datasheet for **MR210074A1V**

Mouse Crtc2 (NM_028881) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Mouse Crtc2 (NM_028881) AAV Particle
Tag:	Myc-DDK
Symbol:	Crtc2
Synonyms:	4632407F12Rik; mTORC2; Torc2
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide
Sequence:

>MR210074 ORF sequence

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

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCTGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGGCGACGCTCAGGGGCGAACGGGCCGGGTTCCGCCACAGCCTCAGCGTCCAATCCACGCAAGTTTAGTG
AGAAGATTGCGCTGCAGAAGCAGCGTCAGGCCGAGGAGACGGCGGCCTTCGAGGAGGTGATGATGGACAT
CGGCTCCACACGGTTACAGGCCAAAAAAGCTGCGACTGGCTTATACAAGGAGCTCCCATTATGGTGGTTCT
CTGCCCAATGTTAACCAGATTGGCTGTGGCCTGGCTGAGTTCAGAGCCCCCTTCACTCACCTTTGGATT
CATCTCGGAGCACTCGGCACCATGGGTTGGTGGAACGGGTACAACGAGATGCCCGCAGAATGGTGTCCCG
ACTCCGCCGATACCCCCGCCACATTGACAGTTCTCCATATAGCCCTGCCTATTTATCTCCTCCCCCAGAG
TCTGGCTGGCGAAGGATGATGCCCTGGGGCAACCTCCCAGCTGAGAAGGGGCAGTTGTTTTAGACTGCCGT
CTGCACTTAACAGGACAAGCTCTGACTCTGCTCTTACACAAAGTGATGAACCTTAACCCCCAAGACAC
TTATCCAGGCCCCACACCTCCCAGTGTCTGCCAGCCGCCGAGGAGGAGGTTTTCTGGATGGTGAGATG
GATGCTAAAGTCCCTGCTATTGAGGAGAACGTGGTAGATGACAAGCATCTGCTGAAACCTTGGGATGCTA
AGAAGCTGTCTCATCTTCTCTCGACCTCGATCCTGTGAAGTCCCTGGAATCAACATCTTCCATCTCC
TGACCAGCTGCTAATGTGCTGTCTCCCACTGCCATGAACACAGGAGGCTCCTACCTGACCTCACC
ACCTACACTTCTCTCTCTCCACTGCCCAACCCCTGGACCTGAGGACAGCAGTCTATCCCGACCTGAGTG
GGGGCAACAGTACCACCAATTTGACCCATACTATGACCCATTTGGGCATCAGTGGAGGTCTGGGCTTGGG
CCCCAGCTATGATGTACCAGGACTTCACTCACCTCTTAGCCACCCATCCCTGCAGTCTCCCTAAGCAAT
CCCAACCTCCAGGCTTCCCTAAGTAGTCTCAACCCAGCTCCAGGGCTCCCATAGTCACCCATCACTGC
CTGCCTCTCTTGGCCCCACCATGCACTGCCACCACCTCCCTGGGCCACCCGTCACTTAGTGCCCCAGC
CCTTTCCTCTCTCTTCTCTTCTGTCACCTTCATCTCTGTCTGAGTGCTCCCCCTTACCCAGTTCT
ACTCTGGGGCCTCTCCCCGCCACCGTCGTGTGCCCTCAGCCCCCTGAGCTTGCCCGCGGGCCCCAGCCG
ACGCCAGAAGGTCCCAACAGCAGCTGCCCAAACAGTTTTCGCCAAACATGTACCCACCTTGTCTTCCAT
CACTCAGGGCGTTCCCTTGGATACCAAGTAAATTGCTACTGACCAGCGATTGCCCCCATACCCATATAGC
CCCCAAGTCTAGTTATACCCACCCATCCACCCACCCCAAAGTCTCTACAGCAGTTGCCCTCTCAGGCCT
GCTTAGTGCAGCCCTCAGGTGGACAGCCTCCAGGCAGGCAGCCACATTATGGGGCACTGTACCCACCTGG
GTCCAGTGGACATGGGCAACAGCCTTACCACCGCCCAATAAATGACTTCAGCTTGGGGAATCTGGAGCAA
TTCAACATGGAGAGCCCATCAACCAGCCTGGTGCTGGATCCCCCTGCCTTTTCTGAAGGTCTGGATTTT
TAGGGAGTGAGGGATCAATGAGTGGCCCCCAGGACCCCTACGTCTCAACCACCAAGAACTGACCCACTG
TTCCCGCCATGGCTCAGGACCTAATATCATACATCAGGAGACTCTTCCCAGGTTTCTCTAAGGAGATT
GCAGACCCCTGGCTGGAGTGAATCTGGCTTTGAGGTGTCAGCATCTGGGTTGGAGCTGGGCCCTGGGGCTAG
AAGATGAGCTGCGCATGAGGCCACTGGGCTGGAAGGACTAACTATGCTGAGTGACCCCTGTGCCCTGCT
GCCTGACCTGCTGTGGAGGACTCATTCCGTAGTGATCGGCTACAG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:	>MR210074 protein sequence Red=Cloning site Green=Tags(s) MATSGANGPGSATASASNPRKFSEKIALQKQRQAEETAAFEVMMDIGSTRLQAQKLRLAYTRSSHYGGS LPNVNQIGCGLAEFQSPLHSPLDSSRSTRHHGLVERVQRDARRMVSPLRRYPRIHIDSSPYSPAYLSPPPE SGWRRMPWGNLPAEKGQLFRLPSALNRTSSDSALHTSVMNPNPQDTYPGTPPSVLPSRRGGGFLDGEM DAKVPAIEENVDDKHLKPWDAKKLSSSSSRPRSCVPGINIFSPDQFANVPVLPAMNTGGSLPDLT NLHFPPPLPTPLDPEETVYPSLGGNSTTNLTHTMTHLGISGGLGLGPSYDVPGLHSPLSHPSLQSSLSN PNLQASLSSPQQLQGSHSHPSLPASSLAHHALPTTSLGHPSLSAPALSSSSSSSTSSPVL SAPPYPAS TPGASPRHRRVPLSPLSLPAGPADARRSQQLPKQFSPTMSPTLSSITQGVPLDTSKLPDQRLPPYPYS PPSSLVIPTHPPTPKSLQQLPSQACL VQPSGGQPPGRQPHYGAL YPPGSSGHGQQPYHRPINDFSLGNLEQ FNMESPTSLVLDPPAFSEGGFLGSEGSMSGPQDPHVLNHQNLTHCSRHGSGPNIILTGDSSPGFSKEI AAALAGVPGFEVSASGLELGLGLEDELMEPLGLEGLTMLS DPCALLPDPAVEDSFRSDRLQ TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Mouse
Serotype:	AAV-2
ACCN:	NM_028881
ORF Size:	2076 bp
Buffer:	PBS with 0.001% Pluronic F1172
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_028881.1</u>
RefSeq Size:	2647 bp
RefSeq ORF:	2079 bp
Locus ID:	74343
UniProt ID:	<u>Q3U182</u>
Cytogenetics:	3 F1
MW:	73.2 kDa