

Product datasheet for **MR217393A1V**

Mouse Rcbtb2 (NM_134083) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Mouse Rcbtb2 (NM_134083) AAV Particle
Tag:	Myc-DDK
Symbol:	Rcbtb2
Synonyms:	2610028E02Rik; 2810420M18Rik; AI448345; AW240694; Chc1l; RC/BTB2
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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**ORF Nucleotide
Sequence:**

>MR217393 representing NM_134083
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGC**

ATGGAAGAAGAAGTGCCTGGTTTCTATGGAGAAAGTGGCAAGTCAGTACAGGCTACCCTGTCATCGTTGA
 AGATGTTAGATGTGGGAAAGTGGCCAATTTTTTCCCTTTGTTCTGAGGAAGAGTTACAGTTGATTCGTCA
 GGCTTGTGTCTTCGGCAGTGCTGGCAATGAAGTTTATACACTACAGTCAACGATGAGATTTTTGTGCTT
 GGCACAACTGCAGTGGCTGTCTGGGGTAGGCGACATTCAGAGCACTATTGAGCCTCGGAGACTGGATT
 CTCTAACTGGCAAAAAATAGCCAGCCTCAGCTATGGGAGTGGCCCTCATATCGTCCTTGCGACAACAGA
 TGGAGAAGTCTTTACCTGGGGTCAATGCTTATAGCCAGCTGGGCAATGGGACAACGAATCATGGTTTA
 GTGCCCTGCCATATCTACGAATTTGTCAAACAACAAGTCATTGAGGTGCGCTGTGGGTCTTACCACT
 CTTTGGTTCTAACATCTGATGGGAGGTGTTTGCCTGGGTTATAATAACTCAGGGCAAGTAGGATCTGG
 ATCAACAGCTAACAGCCATTCCCGAAGAGTCACTGGATGCTTGCAGAATAAAGTAGTTATGAACATA
 GCATGTGGGCAGATGTGCTCCATGGCTGTTGTGGACACTGGAGAGGTCTACGTCTGGGGTTACAATGGCA
 ATGGGCAGCTGGGCCTGGGCAGCAGTGGCAACAGCCACCCCATGCAGAGTGGCCGCCCTGCAAGGCAT
 CCGTGTCCAGCGGGTTGCCTGTGGCTACGCACACACATTAGTATTAACAGATGAAGGTCAAATATATGCT
 TGGGGTGCAAATCTTATGGCCAGTTGGGCACTGGCAATAAAAGTAACCAAGTCTATCCTACCCCTGTTG
 TTGTGGAAAAGGACAGAATCATAGAGATTGCAGCCTGTCACTCTGCCCACACATCTGCTGCCAAGACACA
 AGGTGGGCACGTGTACATGTGGGGCCAGTGCCGGGGCCAGTCGGTGATCCTTCCACACCACACTCACTTC
 TGCTGCACCGATGACGTGTTTGCCTGCTTCGCCACCCCGGCTGTCACTGGCGCCTTCTCTCCGTGGAAC
 CTGACGACCACCTCACTGTGGCCGAGTCTCTGAAGAGGGAGTTTGACAACCTGACACTCGACACCTCAA
 GTTTCTGGTTGATGGAAAATACATTTATGCTCACAAAGTCCTTCTCAAAATTAGGTGTGAACATTTTCGT
 TCTTCATTAGAAGACAGTGAAGACGATATTGTAGAAATGAGCGAGTTTTCGTATCCTGTGTTCCGAGCTT
 TCCTGGAGTATCTATACACAGATAACATCAGCCTATCTCCTGAGGAGGCAGTAGGGTTGCTAGATCTGGC
 TACATTTTACAGTGAGACTCGGTTGAAAAGCTCTGTCAACAACTATCAAGCAAGGAATCTGTGAGGAG
 AATGCTATTGCTCTGCTCTGCTGCTCAAGTATGATGCCAGGACTTAGAAGAGTTCTGCTTCAGGT
 TCTGCATCAACCATCTGACTGTAGTAACACAACGTCAAGCTTTGCAGAAATGGACCACGATCTTCTAAA
 GAACCTTATCAGCAAAGCCAGCAGAGTTGGAGCCTTTAAGAAC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

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MEEEVPGFYGESGKSVQATLSSLKMLDVGKWPIFSLCSEELQLIRQACVFGSAGNEVL YTTVNDEIFVL
 GTNCSGCLGVGDIQSTIEPRRLDSL TGKKIASLSYSGPHIVLATTDGEVFTWGHNAYSQ L GNGTTNHGL
 VPCHISTNL SNKQVIEVACGSYHSLVLTSDGEVFAWGYNNSGQVSGSTANQPIPRRV TGCLQNKVVMNI
 ACGQMCSMAVVD TGEVYVWYNGNGQLGLGSSGNQPTPCRVAALQGIRVQRVACGYAHTLVLTDEGQIYA
 WGANSYQ L GTGNKSNQSYPTPVVVEKDRIEIAACHSAHTSAKTQGGHVYMWGQCRGQSVILPHHTHF
 CCTDDVFACFATPAVTWRLLSVEPDDHLTVAESLKREFDNPDTADLKFLVDGKYIYAHKVLLKIRCEHFR
 SSLEDSEDDIVEMSEFSYPVFRAFLEYLYTDNISL SPEEAVGLLDLATFYSETRLKKLCQQTIKQGI CEE
 NAIALLSAVKYDAQDLEEF CFRFCINHLTVVTQTSGFAEMDHLLKNFISKASRVGAFKN

TRTRPLE**QKL**ISEEDLAANDILDYKDDDDKV

Species:

Mouse

Serotype:

AAV-2

ACCN:

NM_134083

ORF Size:	1653 bp
Buffer:	PBS with 0.001% Pluronic F68
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_134083.4, NP_598844.3</u>
RefSeq Size:	3406 bp
RefSeq ORF:	1656 bp
Locus ID:	105670
UniProt ID:	<u>Q99LJ7</u>
Cytogenetics:	14 D3
MW:	60.2 kDa