

## Product datasheet for **MR221009A1V**

### Mouse Cbx4 (NM\_007625) AAV Particle

#### Product data:

Product Type:	AAV Particles
Product Name:	Mouse Cbx4 (NM_007625) AAV Particle
Tag:	Myc-DDK
Symbol:	Cbx4
Synonyms:	MPc2; PC2
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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**ORF Nucleotide Sequence:**

>MR221009 representing NM\_007625  
 Red=Cloning site Blue=ORF Green=Tags(s)

CTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGATCGC**C

ATGGAGCTGCCAGCTGTTGGCGAGCACGTCTTCGCGGTGGAGAGCATCGAAAAGAAGCGGATACGCAAGG  
 GCAGAGTGGAGTATCTGGTGAATGGAGAGGCTGGTCCCCAAATATAACACGTGGGAACAGAGGAGAA  
 CATCTTGGATCCCCGGCTGCTGATCGCCTTCCAGAACAGGAAAAGGCAGGAGCAGCTGATGGGATATCGC  
 AAGAGAGGGCCCAAGCCCAAACCGCTGGTGGTGCAGGTGCCACCTTTGCCGACGCTCCAATGTTCTGA  
 CTGGGCTTCAAGACTCTCCGCTGACAACCGTCCAAGCTGGAGTTGGGCACACAGGGCAAGGGCCAGGG  
 GCACCAGTATGAGCTCAACAGCAAGAAGCACCATCAGTACCAGCCACATAGCAAGGAGAGGTCCGGTAAG  
 CCGCCCCCGCCAGGGAAGAGCGGCAAGTATTATTATCAGCTAAATAGCAAAAAGCACCACCCTACCAGC  
 CAGACCCAAAATGTACGACTGCAGTACCAGGGCGGCCACAAGGAGGCACCCAGCCCCACCTGCCGAGA  
 CCTGGGCACCAAGAGCCACCCTCCTGACAAGTGGGCCACGGAGCTGCAGCCAAAGGCTACCTCGGGGCC  
 GTGAAGCCCTTGGGGGAGGGGAGGAGCTCCAGGCAAGGGCTCGGAAAAGGGCCCCCAATGGCATGA  
 CACCAGCCCCTAAGGAGGCAGTACCGGTAATGGTATTGGGGCAAGATGAAAATCGTCAAGAACAAGAA  
 CAAGAATGGGCGCATCGTGATCGTTATGAGCAAGTACATGGAGAACGGCATGCAGGCAGTGAAAAACAAG  
 TCGGGCGAGGCCCGGAGGGCGAGGCGCGCTCCCCAGCCACAAGAAACGTGCTGCCGAGGAGCGCCATC  
 CCCAGGGCGACAGGACTTTTAAAAAGGCAGCCGGTGCCTCTGAGGAGAAGAAAGCCGAAGTGCCCTGCAA  
 ACGCAGGGAGGAGGAGCTCTGGTGTGGGGGACGCGCAGCCCCAGGACCTAGGGTCTCGAAAGCTCTCC  
 CCGACCAAGGAGGCCTTTGGTGAACAACCGTACAGCTCACCACCAAGCCAGACCTGCTGGCCTGGGACC  
 CAGCCAGGAGCTCGCACCCGCCGCCACCACCACCATCACCACCACCATCACCACCACCACCATCGGT  
 GGGCCTGAACCTCTCCATGCGCGCAAGCGCTGCCTCTCCGAGACCCATGGGGAGCGTGAGCCCTGTAAG  
 AAGCGGTTGACCGCCGACGATCAGCACGCCGACCTGCCTGGGGGCGAGCCGGTCTCCGAGCACCCCTG  
 CCAACGTATCCCCACCAGCGCCTCTCTGCCGAGCCCGAGGTATCCTTTTAGACTCAGACCTGGATGA  
 ACCCATAGACTTGGCTGTGTCAAGATGCGCAGCGACGCCGGGAACCGCCAGCACCCCTCCAGGTGAAG  
 CCCGAGGCTCCAGCTGTGGCGCAGTGGTGGCGCCGGCCCTGCCTCAGAGAAGCCTCCCGCTGAGGGCC  
 AGGAGGAGCCAGTGGAGCCCTTGAAGTGAAGTCAAGCCCTTCTTTGGGAATATAATTATCACTGACGTCAC  
 GGCGAAGTGCCTTACCGTCACTTCAAGGAATACGTGACGGTG

**ACGCGT**ACGCGGCGGCTCGAGCAGAACTCATCTCTGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Protein Sequence:**

>MR221009 representing NM\_007625  
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MELPAVGEHVF AVESIEKKRIRKGRVEYL VKWRGWSPKYNTWEPEENILDPRLL IAFQNRERQEQLMGYR  
 KRGPKPPLVVQVPTFARRSNVLTGLQDSSADNRAKLELGTQGKGQHQYELNSKKHHQYQPHSKERSGK  
 PPPPGKSGKYYYQLNSKKHHPYQDPKMYDLQYQGGHKEAPSPTCPDLGKSHPPDKWAHGAAAAGYLGA  
 VKPLGGGAGAPGKSEKPPNGMTPAPKEAVTNGIGGKMKIVKNKNKNGRIVIVMSKYMENGMQAVKIK  
 SGEAAEGEARSPSHKRAAEERHPQGDRTFKKAAGASEEKAIEVPCRRREEEALVSGDAQPQDLGSRKLS  
 PTKEAFGEQPLQLTTKPDLLAWDPARSSHPPAHHHHHHHHHHHTVGLNL SHARKRCLSETHGEREPCK  
 KRLTARISITPTCLGGSPVSEHPANVSPTAASLPQPEVILLDSLDLDEIDLRCVKMRSDAGEPPSTLQVK  
 PEAPAVAAVVAPAPASEKPPAEAEQEEPVEPLSEFKPFFGNIIITDVTANCLTVTFKEYVTV

**TR**TRPLEQKLISEEDLAANDILDYKDDDDKV

**Species:**

Mouse

**Serotype:**

AAV-2

**ACCN:**

NM\_007625

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_007625.2, NP_031651.2</u>
RefSeq Size:	5213 bp
RefSeq ORF:	1656 bp
Locus ID:	12418
UniProt ID:	<u>O55187</u>
Cytogenetics:	11 83.34 cM
MW:	61 kDa