

Product datasheet for **RC222700A1V**

Human CBX2 (NM_005189) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human CBX2 (NM_005189) AAV Particle
Tag:	Myc-DDK
Symbol:	CBX2
Synonyms:	CDCA6; M33; SRXY5
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC222700 representing NM_005189
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGC**

ATGGAGGAGCTGAGCAGCGTGGCGAGCAGGTCTTCGCCGCCGAGTGCATCCTGAGCAAGCGGCTCCGCA
 AGGGCAAGCTGGAGTACCTGGTCAAGTGGCGCGGCTGGTCTCCAAACATAACAGCTGGGAGCCGAGGA
 GAACATCCTGGACCCGAGGCTGCTCCTGGCCTTCCAGAAGAAGGAACATGAGAAGGAGGTGCAGAACCGG
 AAGAGAGGCAAGAGGCCGAGAGGCCGCAAGGAAGCTCACTGCCATGCTCCTGCAGCCGGCGCTCCA
 AGCTCAAGGAACCCGATGCTCCCTCAAATCCAAGTCCAGCAGTTCCTCCTTCTCCACGTCATCCTC
 CTCTTCTCAGATGAAGAGGATGACAGTGAAGTCTAGATGCTAAGAGGGTCCCCGGGGCCGCGAGACCCAC
 CCAGTGCCGCAGAAGAAGGCCAGATCCTGGTGGCCAAACCCGAGCTGAAGGATCCCATCCGGAAGAAGC
 GGGGACGAAAGCCCTGCCCCAGAGCAAAAGGCAACCCGAAGACCCGTGAGCCTGGCCAAGGTGCTGAA
 GACCGCCCGGAAGGATCTGGGGGCCCGGCCAGCAAGCTGCCCTCCACTCAGCGCCCCGTTGCAGGC
 CTGGCAGCTCTGAAGGCCACGCAAGGAGGCTGTGGCGGCCCAAGTGCATGGCCACCCAGAGAACC
 TGGCCAGCCTAATGAAGGGCATGGCCAGTAGCCCCGGCCGGGTGGCATCAGCTGGCAGAGCTCCATCGT
 GCACTACATGAACCGGATGACCCAGAGCCAGGCCAGGCTGCCAGCAGTTGGCGCTGAAGGCCAGGCC
 ACCAACAAGTGGGCCTCGGGCTGGACCTGAAGGTGAGGACGCAGAAAGGGAGCTGGGAATGAGCCCTC
 CAGGAAGCAAAATCCCGAAGGCCCCAGCGTGGGGCTGTGGAGCAGAAAGTGGGAACACAGGGGGCCC
 CCCGCACACCATGGTGCCAGCAGGGTGCCTGCTGGGTGCCAGGCCCCAGCCAGCACCCACCCAGGAG
 CTGAGCCTCCAGGTCTTGACTTGACAGGTGTCAAGATGGCATGCCCGGGTGGGTCTCCTTGCCCGCC
 ACGCCACCGCCACCAAGGTGTCCCGGCCACCAACCCAGCCCCGGAAGGGCACTGGGAGTGGCCTCAT
 TGGGGCCAGCGGGGCCACCATGCCACCGACACAAGCAAAAGTGAAGAGCTGGCTTCCAGAGCAGTGGCG
 CCACCCACCCCTGCCAGCAAGAGGGACTGTGTCAAGGGCAGTGTACCCCAAGTGGGCAGGAGAGCCGCA
 CAGCCCCCGGAGAAGCCCGCAAGGCGGCCACACTGCCAGAGATGAGCGCAGGTGAGGAGAGTAGCAGCTC
 GGACTCCGACCCCGACTCCGCTCGCCGCCAGCACTGGACAGAACCCGTCAAGTGTCCGTTAGACCCAGC
 CAGGACTGGAAGCCACCCGACGCTCATCGAGCAGTATTTGTACCGACGTCAGTCCCAACCTCATCA
 CCGTCACAGTGAAGGAGTCTCCACAGCGTGGCTTCTTCAACCTGAGGCATTAC

ACGCGTACGCGGCGGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

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MEELSSVGEQVFAAECILSKRLRKGKLEYLVKWRGWSSKHNSWEPEENILDPRLLLAFFQKKEHEKEVQNR
 KRGKRPRGRPRKLTAMSSCSRRSKLKEPDAPSKSKSSSSSSSTSSSSSDEEDSDLDKRGPRGRETH
 PVPQKKAQILVAKPELKDPIRKKRGRKPLPPEQKATRRPVSLAKVLKTARKDLGAPASKLPPPLSAPVAG
 LAALKAHAKEACGGPSAMATPENLASLMKGMASSPGRGGISWQSSIVHYMNRMTQSQQAASRLALKAQA
 TNKCGGLDLKVRTQKGLGMSPPGSKIPKAPSGGAVEQKVGNTGGPPHTHGASRVAPGCPGPQPAPTQE
 LSLQVLDLQSVKNGMPGVGLLARHATATKGVPATNPAPGKGTGSLIGASGATMPTDTSKSEKLASRAVA
 PPTPASKRDCVKGSATPSGQESRTAPGEARKAATLPEMSAGEESSSSSDSDPSASPPSTGQNPSVSVQTS
 QDWKPTRSLIEHVFVTDVTANLITVTVKESPTSVGFFNLRHY

TRTRPLE**QKL**ISEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:

AAV-2

ACCN:

NM_005189

ORF Size:

1596 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_005189.1</u>
RefSeq Size:	4192 bp
RefSeq ORF:	1599 bp
Locus ID:	84733
UniProt ID:	<u>Q14781</u>
Cytogenetics:	17q25.3
MW:	55.9 kDa