

Product datasheet for **RC208662A1V**

Human CPEB1 (NM_030594) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human CPEB1 (NM_030594) AAV Particle
Tag:	Myc-DDK
Symbol:	CPEB1
Synonyms:	CPE-BP1; CPEB; CPEB-1; h-CPEB; hCPEB-1
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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**ORF Nucleotide
Sequence:**

>RC208662 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGC**

ATGGCGTTCCCGCTGGAAGAAGAAGCAGGAAGGATAAAAGATTGCTGGGACAACCAGGAAGCACCTGCTC
 TCTCCACGTGTAGTAATGCCAATATCTTTCAAGGATAAATGCCATATTGGATAATTCTCTGGATTTCAG
 TAGAGTCTGACTACACCTATAAACCGAGGAATTCATGATCATTGCCAGACTTCCAGGACTCTGAAGAA
 ACAGTTACAAGCAGGATGCTTTTCCCAACCTCTGCGCAAGAATCTCCCGTGGCCTCCCAGATGCAAAATG
 ACTTGTGCCTTGGCCTGCAGTCCCTCAGTCTGACAGGCTGGGACCGACCTGGAGACCCAGGACTCAGA
 TTCCTCAGCCCAGAGCAGCACACACTCGGTACTGAGCATGCTCCATAACCCACTGGGAAATGTCTAGGA
 AAACCCCTTGAAGTTCCTGCCTCTGGATCCCTTGGGTCTGACTTGGTGGACAAGTTCCAGCACCTCT
 CAGTTAGAGGATCAGCCTGGACACCCGGCCCATCTGGACTCTCGATCTAGCAGCCCTCTGACTCAGA
 CACCAGTGGCTTCAGCTCTGGATCAGATCATCTCTCAGATTTGATTTCAAGCCTTCGCATTTCTCCACCT
 CTGCCCTTCTGTCTCTGTCTGAGGGGTGGTCCCAGAGACCTTTAAAGATGGGGGTAGGGTCTCGGATGG
 ACCAAGAGCAAGCTGCTCTTGCTGCAGTCACTCCCTCCCAACCAAGTGGTTCAAAGAGATGGCCAGGAGC
 TTCTGTGTGGCCATCTGGGACCTCTCGAAGCTCCCAAGACCCCTTCAAGATAGAGAGAGAGGCCAGG
 CTGCACCGACAAGCTGCAGCTGTGAATGAAGCCACCTGTACCTGGAGTGGCCAGCTTCTCCCGGAACT
 ATAAGAACCCATCTACTCTTGAAGGTGTTTCTAGGAGGTGTTCTTGGGATATTACAGAAGCTGGATT
 AGTTAACACCTTCCGTGTTTTGGCTCTTTGAGTGTGGAGTGGCTGGTAAGGATGGCAAGCATCCCCGG
 TGTCTCCCAAGGGTATGTGTATCTGGTCTTGAAGTGAAGAAGTCTGTCCGATCTTGTCTCAGGCTT
 GCTCTCATGACCCGCTGAGCCAGATGGCCTGAGTGAATATTATTCAAGATGTCCAGCCGAAGGATGCG
 CTGCAAGGAGGTGCAGGTGATCCCTGGGTATTAGCCGACAGTAACCTTTGTCCGAGCCCATCTCAGAGG
 CTTGACCCAGCAGGACGGTGTGTGCTGGTCTGATGGAATGCTAAATGCTGAGGCCTGGCAGCCA
 TCTTGAACGACCTATTTGGTGGAGTGGTGTATGCCGGGATTGACACAGATAAGCACAAAGTATCCATTGG
 TTCTGGTCTGTGACTTTCAATAACCAACGGAGTTACCTGAAAGCAGTCAGCGCTGCTTTTGTGGAGATC
 AAAACCAAGTTCACAAAGAAGTTCAGATTGACCCCTACCTAGAAGATTCTGTGTCTATCTGCA
 GTTCTCAGCCTGGTCTTTCTTCTGTGAGATCAGGTCTGCTTCAAATACTTCTGCCGAGCTGTGGCA
 CTGGCGGCACAGCATGGAGGGCCTGCGCCACCACAGCCCTGATGCGGAACCAGAAGAACCGAGATTCC
 AGC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC208662 protein sequence
 Red=Cloning site Green=Tags(s)

MAFPLEEEAGRIKDCWDNQEPALSTCSNANIFRRINAILDNSLDFSRVCTTPINRGIHDHLPDFQDSEE
 TVTSRMLFPTSAQESSRGLPDANDLCLGLQSLSLTGWDRPWSTQSDSSAQSSHSVLSMLHNPLGNVLG
 KPPLSFLPLDPLGSDLVDKFPAPSVRGSRLDTRPILDSRSSSPSDSDTSGFSSGDHLSDLISSLRISPP
 LPFLSLSGGPRDPLKMVGSRMDQEQAALAAVTPSPTSASKRWPGASVWPSWDLLEAPKDPFSIEREAR
 LHRQAAAVNEATCTWSGQLPPRNYKNPIYSCKVFLGGVPWDITEAGLVNTRFVFGSLVIEWPGDKGKHP
 CPPKGYVYLVELEKSVRSLLQACSHDPLSPDGLSEYFYMSSRRMRCKEVQVIPWVLADSNFVRSPSQ
 LDPSRTVFVFGALHGMNAEALAILNDLFGGVVYAGIDTDKHKYPIGSGRVTFNQSRYSYLKAVSAFVEI
 KTKFTKKVQIDPYLEDLSLCHICSSQPGPFRCRDQVCFKYFCRSCWHWRHSMGLRHHSPLMRNQKNRDS
 S

TRTRPLE**QKL**ISEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:

AAV-2

ACCN:	NM_030594
ORF Size:	1683 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_030594.3</u>
RefSeq Size:	3241 bp
RefSeq ORF:	1686 bp
Locus ID:	64506
UniProt ID:	<u>Q9BZB8</u>
Cytogenetics:	15q25.2
MW:	62.1 kDa