

Product datasheet for **RC206406A1V**

Human CPEB1 (NM_001079535) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human CPEB1 (NM_001079535) 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:

>RC206406 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGC**

ATGCTTTTCCCAACCTCTGCGCAAGAATCTTCCCGTGGCCTCCAGATGCAAATGACTTGTGCCTTGGCC
 TGCAGTCCCTCAGTCTGACAGGCTGGGACCGACCCTGGAGCACCCAGGACTCAGATTCTCAGCCAGAG
 CAGCACACACTCGGTAAGTCTGAGCATGCTCCATAACCCACTGGGAAATGTCCTAGGAAAACCCCTTGAGC
 TTCCTGCCTCTGGATCCCTTGGGTCTGACTTGGTGGACAAGTTTCCAGCACCCCTCAGTTAGAGGATCAC
 GCCTGGACACCCGGCCATCCTGGACTCTCGATCTAGCAGCCCTCTGACTCAGACACCACTGGCTTCAG
 CTCTGGATCAGATCATCTCTCAGATTTGATTTCAAGCCTTCGCATTTCTCCACCTCTGCCCTTCTGTCT
 CTGTGAGGGGTGGTCCAGAGACCTTTAAAGATGGGGTAGGGTCTCGGATGGACCAAGAGCAAGCTG
 CTCTTGTGTCAGTCACTCCCTCCCAACCAAGTCTTCAAAGAGATGGCCAGGAGCTTCTGTGTGGCCATC
 CTGGGACCTCCTGAAGCTCCCAAGACCCCTTCAGCATAGAGAGAGAGGCCAGGCTGCACCGACAAGCT
 GCAGCTGTGAATGAAGCCACCTGTACCTGGAGTGGCCAGCTTCTCCCGGAACCTATAAGAACCCCATCT
 ACTCTTGAAGGTGTTTCTAGGAGGTGTTCTTGGGATATTACAGAAGCTGGATTAGTTAACACCTTCCG
 TGTTTTTGGCTCTTTGAGTGTGGAGTGGCTGGTAAGGATGGCAAGCATCCCCGGTGTCTCCAAAGGG
 TATGTGTATCTGGTCTTGAAGTGTGAGAGTGTGTCGATCCTTGCTTCAAGCTTGTCTCATGACCCGC
 TGAGCCAGATGGCTGAGTGAATATTATTTCAAGATGTCCAGCCGAAGGATGCGCTGCAAGGAGGTGCA
 GGTGATCCCTGGGTATTAGCCGACAGTAACCTTGTCCGAGCCCATCTCAGAGGCTTGACCCAGCAGG
 ACGGTGTTTGTGGTGTCTGCATGGAATGCTAAATGCTGAGGCCCTGGCAGCCATCTTGAACGACCTAT
 TTGTTGGAGTGGTGTATGCCGGGATTGACACAGATAAGCACAAGTATCCATTGGTTCTGGTCTGTGAC
 TTTCAATAACCAACGGAGTTACCTGAAAGCAGTCAGCGCTGCTTTTGTGGAGATCAAAACCAACCAAGTTC
 ACAAAGAAGGTTCAAGTTGACCCCTACCTGGAAGATTCTCTGTGTATATCTGCAGTTCTCAGCTGGTC
 CTTTCTTCTGTGAGATCAGGTCTGTTCAAATACTTCTGCCGAGCTGCTGGCACTGGCGGCACAGCAT
 GGAGGGCTGCGCCACCACAGCCCTGATGCGGAACCAAGAACCGAGATTCCAGC

ACGCGTACGCGGCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC206406 protein sequence
 Red=Cloning site Green=Tags(s)

MLFPTSAQESSRGLPDANDLCLGLQSLSLTGWDRPWSTQSDSSAQSSSTHSVLSMLHNPLGNVLGKPPLS
 FLPLDPLGSDLVDKFPAPSVRGSRLDTRPILDSRSSPSDSTSGFSSGSDHLSLISLRIISPPLPFLS
 LSGGGPRDPLKMGVGSMDQEQAALAAVTPSPTSASKRWPGASVWPSWDLLEAPKDPFSIEREARLHRQA
 AAVNEATCTWSGQLPPRNYKNPIYSCKVFLGGVPWDITEAGLVNTRFVFGSLSVEWPGDKGHPRCPPKG
 YVYLVFELEKSVRSLLQACSHDPLSPDGLSEYFYMSSRRMRCKEVQVIPWVLADSNFVRSQSRLDPSR
 TVFVGALHGMLNAEALAILNDLFGGVYAGIDTDKHKYPIGSGRVTFNQRSYLKAVSAFVEIKTTKF
 TKKVQIDPYLEDLSLCHICSSQPGPFRCRDQVCFKYFCRSCWHWRHSMEGLRHHSPLMRNQKNRDSS

TRTRPLE**QKL**ISEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:

AAV-2

ACCN:

NM_001079535

ORF Size:

1458 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_001079535.1, NP_001073003.1</u>
RefSeq Size:	3196 bp
RefSeq ORF:	1461 bp
Locus ID:	64506
UniProt ID:	<u>Q9BZB8</u>
Cytogenetics:	15q25.2
MW:	53.6 kDa