

Product datasheet for **RC208842A1V**

Human CENPB (NM_001810) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human CENPB (NM_001810) AAV Particle
Tag:	Myc-DDK
Symbol:	CENPB
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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**ORF Nucleotide
Sequence:**

>RC208842 ORF sequence

Red=Cloning site Blue=ORF Green=Tags(s)

 TTTTGAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGC**

 ATGGGCCCCAAGAGGCGACAGCTGACGTTCCGGGAGAAGTCACGGATCATCCAGGAGGTGGAGGAGAATC
CGGACCTGCGCAAGGGCGAGATCGCGCGCGCTTCAACATCCCGCGTCCACGCTGAGCACGATCCTGAA
GAACAAGCGCGCCATCCTGGCGTCGGAGCGCAAGTACGGGGTGGCCTCCACCTGCCGCAAGACCAACAAG
CTGTCTCCCTACGACAAGCTCGAGGGCTTGCTCATCGCCTGGTTCCAGCAGATCCGCGCCGCCGGCTGC
CGGTCAAGGGCATCATCTCAAGGAGAAGGCGCTGCGCATAGCCGAGGAGCTGGGCATGGACGACTTCAC
CGCCTCCAACGGCTGGCTGGACCGCTTCCGCCGCGCCACGGCGTGGTGTCTGCAGCGCGTGGCCCGC
GCCCGCGCGCAAAACGCTGCCCCCGCACCCCGCGCGCCTGCCAGTCCGGCCGCGGTGCCCTCGGAGG
GCAGTGGCGGGAGCACTACTGGTTGGCGCGCTCGGGAGGAGCAGCCGCCGTCGGTGGCCGAGGGCTACGC
CTCGCAGGACGTGTTGAGCGCCACCGAGACCAGTCTATGGTACGACTTCTGCCCGACCAGGCCGCGGGG
CTGTGCGGAGGCGACGGACGGCCGCGTCAAGCCACCCAGCGCCTGAGCGTCTGCTATGCGCCAATGCCG
ACGGCAGCGAGAAGCTGCCCCCGCTGGTGGCCGCAAGTCGGCCAAGCCCGCGCAGGCCAAGCCGGCCT
GCCCTGCGACTACACGCCAACTCCAAGGGTGGTGTCAACACCCAGGCCCTGGCCAAGTACTTGAAGGCC
TTGGACACCCGAATGGCTGCAGAGTCTCGCCGGGTCTGCTGTTGGCCGGCCGCTTGGCTGCCAGTCTCT
TGGACACCTCGGGCTGCGGCATGTGCAGCTGGCCTTCTCCCTCCCGGCACCGTGCATCCGCTGGAGAG
GGGAGTGGTCCAGCAGGTGAAGGGCCACTACGCCAGGCCATGCTGCTCAAGGCCATGGCCGCGCTAGAG
GGCCAGGATCCCTCAGGCCTGCAGCTGGGTCTCAGGAGGCCCTGCACCTTGTGGCTGCCGCTGGCAGG
CAGTGGAGCCTTCGGACATAGCCGCTGCTTTCGTGAGGCTGGCTTTGGGGTGGCCCTAATGCCACCAT
CACCACCTCCCTCAAGAGTGAGGGAGAGGAAGAGGAGGAGGAGGAAGAAGAGGAGGAGGAAGAGGGT
GAAGGAGAGGAAGAGGAGGAGGAAGGGAGGAGGAGGAGGAGGAAGGGGGGAAGGAGAGGAATTGGGGG
AGGAAGAGGAGGTGGAGGAGGAGGTGATGTTGATAGTGATGAAGAAGAGGAGGAAGATGAGGAGAGCTC
CTCGGAGGGCTTGGAGGCTGAGGACTGGGCCAGGGAGTAGTGGAGGCCGGTGGCAGCTTCGGGGCTTAT
GGTGCCAGGAGGAAGCCAGTGCCCTACTCTGCATTTCTGGAAGGTGGGGAGGACTCTGATTACAGACA
GTGAGGAAGAGGACGATGAGGAAGAGGATGATGAAGATGAAGACGACGATGATGATGAGGAGGATGGTGA
TGAGGTGCTGTACCCAGCTTTGGGAGGCCATGGCTTACTTTGCCATGGTCAAGAGGTACCTGACCTCC
TTCCCCATTGATGACCGCGTGCAGGCCACATCTCCACTTGGAACACGATCTGGTTCATGTGACCAGGA
AGAACCACGCCAGGCAGCGGGAGTTCGAGGTCTTGGACATCAAAGC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC208842 protein sequence

Red=Cloning site Green=Tags(s)

 MGPKRRQLTFREKSRIIQEVEENPDLRKGEIARRFNIPPSTLSTILKNKRAILASERKYGVASTCRKTNK
LSPYDKLEGLLIAWFQQIRAAGLPVKGIILKEKALRIAELGMDDFTASNGWLDLFRRRHGVVSCSGVAR
ARARNAAPRTPAAPASPAAPVSESGGSGTTGWRAREEQPPSVAEGYASQDVFSATETSLWYDFLPDQAAG
LCGGDGRPRQATQRLSVLLCANADGSEKLPLVAGKSAKPRAGQAGLPCDYTANSKGGVTTQALAKYLKA
LDTRMAAESRRVLLLAGRLAAQSLDTSGLRHVQLAFFPPGTVHPLERGVVQVKGHYRQAMLLKAMAAL
EQDPSGLQLGLTEALHFVAAAWQAVEPSDIAACFREAGFGGPNATITTSKSEGESEGESEGESEGESEGE
EGESEGESEGESEGESEGESEGESEGESEGESEGESEGESEGESEGESEGESEGESEGESEGESEGESE
GAQEEAQCP TLHFLEGGEDSDSDSEEDDEEDDEDEDDDDDEEDGDEVPVPSFGEAMAYFAMVKRYLTS
FPIDDRVQSHILHLEHDLVHVTRKNHARQAGVRGLGHQS

TRTRPLEQ**KL**ISEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:	AAV-2
ACCN:	NM_001810
ORF Size:	1797 bp
Buffer:	PBS with 0.001% Pluronic F6334
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_001810.5</u>
RefSeq Size:	2856 bp
RefSeq ORF:	1800 bp
Locus ID:	1059
UniProt ID:	<u>P07199</u>
Cytogenetics:	20p13
MW:	65.2 kDa