

Product datasheet for **RC202019A1V**

Human PCCB (NM_000532) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human PCCB (NM_000532) AAV Particle
Tag:	Myc-DDK
Symbol:	PCCB
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC202019 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGCGCGCGCATTACGGGTGGCGGCGGTGGGGCAAGGCTCAGCGTTCTGGCGAGCGGTCTCCGCGCCG
 CGGTCCGCAGCCTTTGCAGCCAGGCCACCTCTGTTAACGAACGCATCGAAAACAAGCGCCGACCGCGCT
 GCTGGGAGGGGCCAACGCCGATTGACGCGCAGCACAAAGCGAGGAAAGCTAACAGCCAGGGAGAGGATC
 AGTCTCTTGCTGGACCTGGCAGCTTTGTTGAGAGCGACATGTTTGGAACACAGATGTGCAGATTTTG
 GAATGGCTGCTGATAAGAATAAGTTTCCTGGAGACAGCGTGGTCACTGGACGAGGCCGAATCAATGGAAG
 ATTGGTTTATGTCTTCAGTCAGGATTTTACAGTTTTTGGAGGCAGTCTGTCAGGAGCACATGCCAAAAG
 ATCTGCAAAATCATGGACCAGGCCATAACGGTGGGGGCTCCAGTGATTGGGCTGAATGACTCTGGGGGAG
 CACGGATCCAAGAAGGAGTGGAGTCTTTGGCTGGCTATGCAGACATCTTCTGAGGAATGTTACGGCATC
 CGGAGTCATCCCTCAGATTTCTCTGATCATGGGCCATGTGCTGGTGGGGCCGCTACTCCCCAGCCCTA
 ACAGACTTCACGTTTCATGGTAAAGGACACCTCCTACCTGTTCACTAGGCCCTGATGTTGTGAAGTCTG
 TCACCAATGAGGATGTTACCCAGGAGGAGCTCGGTGGTGCCAAGACCCACACCACCATGTGAGGTGTGGC
 CCACAGAGCTTTTGAAAATGATGTTGATGCCTTGTTGTAATCTCCGGGATTTCTTCAACTACCTGCCCTG
 AGCAGTCAGGACCCGGCTCCCGTCCGTGAGTGCCACGATCCAGTGACCGTCTGGTTCCTGAGCTTGACA
 CAATTGTCCTTTGGAATCAACCAAAGCCTACAACATGGTGGACATCATACACTCTGTTGTTGATGAGCG
 TGAATTTTTGAGATCATGCCAATTATGCCAAGAATCATTGTTGGTTTTGCAAGAATGAATGGGAGG
 ACTGTTGGAATTGTTGGCAACCAACCTAAGGTGGCCTCAGGATGCTTGGATATTAATTCATCTGTGAAAG
 GGGCTCGTTTTGTCAGATTCTGTGATGCATTCAATATTCCACTCATCACTTTTGTGATGTCCCTGGCTT
 TCTACCTGGCACAGCACAGGAATACGGGGGCATCATCCGCATGGTGCCAAGCTTCTCTACGCATTTGCT
 GAGGCAACTGTACCCAAAGTCACAGTCATCACCAGGAAGGCCTATGGAGGTGCCTATGATGTCATGAGCT
 CTAAGCACCTTTGTTGATACCAACTATGCCTGGCCACCGCAGAGATTGCAGTCATGGGAGCAAGGG
 CGCTGTGGAGATCATCTTCAAAGGGCATGAGAATGTGGAAGCTGCTCAGGCAGAGTACATCGAGAAGTTT
 GCCAACCTTTCCCTGCAGCAGTGCAGGGTTTGTGGATGACATCATCAACCTTCTTCCACACGTGCC
 GAATCTGCTGTGACCTGGATGTCTTGGCCAGCAAGAAGGTACAACGCTCTTGAGAAAACATGCAATAT
 TCCATTG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC202019 protein sequence
 Red=Cloning site Green=Tags(s)

MAAALRVAVGARLSVLASGLRAAVRSLCSQATSVNERIENKRRTALLGGGQRRIDAQHKRGKLTARERI
 SLLLDPGSFVESDMFVEHRCADFGMAADKNKFPGDSVVTGRGRINGRLVYVFSQDFTVFGGSLSGAHAQK
 ICKIMDQAITVGAPVIGLNDSGGARIQEGVESLAGYADIFLRNVTASGVIPQISLIMGPCAGGAVYSPAL
 TDFTFMVKDTSYLFITGPDVVKSVTNEDVTQEELGGAKHTTMSGVAHRAFEVDALCNLRDFFNYLPL
 SSQDPAPVRECHDPSDRLVPELDTIVPLESTKAYNMVDIIHSVVDEREFFEIMPNYAKNIIVGFARMNGR
 TVGIVGNQPKVASGCLDINSSVKGARFVRCDAFNIPLITFVDVPGFLPGTAQEYGGIIRHGAKLLYAF
 EATVPKVTVITRKAYGGAYDMSSKHLCDTNYAWPTAEIIVMGAKGAVEIIFKGHENVEAAQAEYIEKF
 ANPFPAAVRGFDVDDIIQPSSTRARICCDLDVLASKKVQRPWRKHANIPL

TRTRPLE**QKL**ISEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:

AAV-2

ACCN:

NM_000532

ORF Size:	1617 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_000532.3</u>
RefSeq Size:	1825 bp
RefSeq ORF:	1620 bp
Locus ID:	5096
UniProt ID:	<u>P05166</u>
Cytogenetics:	3q22.3
MW:	58.2 kDa