

Product datasheet for **RC218240A1V**

Human PCDHB2 (NM_018936) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human PCDHB2 (NM_018936) AAV Particle
Tag:	Myc-DDK
Symbol:	PCDHB2
Synonyms:	PCDH-BETA2
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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**ORF Nucleotide
Sequence:**

>RC218240 ORF sequence

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

 TTTTGAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGAGGCCGGAGAGGGGAAGGAGCGCGTTCCGAAACAAAGGCAAGTCCTGATATTCTTTGTTTTGCTGG
 GCATAGCTCAGGCTAGTTGCCAGCCTAGGCACTATTCACTGGCCGAGGAAACGGAGAGTGGCTCCTTTGT
 GGCCAATTTGTTAAAAGACCTGGGGCTGGAGATAGGAGAACTTCTGTGAGGGGGCCAGGGTCGTTTCC
 AAAGGAAAAAATGCATTTGCAGTTTCGATAGGCAGACCGGGATTTGTTGTTAAATGAGAAATTGGACC
 GGGAGGAGCTGTGCGGCCCCACAGAGCCTGTGTCTACCTTTCCAGGTGTTACTAGAAAATCCCTTGCA
 GTTTTTTCAGGCGGAGCTACGGATTAGGACGTAATGATCATTCCCCAGTTTTCTAGACAAAGAAATA
 CTTTTGAAAATCCAGAAAGTATCACTCCTGGAACCTTTCTTAATAGAACGTGCCAGGACTTGGATG
 TAGGAACCAACAGTCTCCAAAATTACACAATCAGTCCCAATTTCCACTTTCATCTTAATTTACAAGACAG
 TCTCGATGGCATAATATTACCACAGCTGGTGTGAACAGAGCCCTGGATCGCGAGGAGCAGCCTGAGATC
 AGGTAAACCTCACAGCGCTAGATGGCGGGAGTCCACCCAGGTCCGGCACGGCCCTGGTACGGATTGAAG
 TTGTGGACATCAATGACAACGTCCCAGAGTTTGCAAAGCTGCTCTATGAGGTGCAGATCCCGGAGGACAG
 CCCCCTGGATCCCAGGTTGCCATCGTCTCTGCCAGGGATTTAGACATTGGAACCTAATGGAGAAATATCT
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 TTTTAAGACAGAACTGGATTTGCAATCCATCCAGACATACACAGTAAATATTCAGGCGACAGATGGTGG
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 ATGTCGACACTTATCAATCAGATCCCAGAAAACCTGCAGGACACCCTCATTGCTGTATTACAGCGTTTCAG
 ATCTGACTCCGGAGACAACGGAAGGATGGTGTGCTCCATCCAAGATGATCTTCTTTTTCTTGAAACC
 TTCTGTTGAGAACTTTTACACTCTGGTGATAAGCACGGCCCTGGACCGGGAGACCAGATCCGAATACAAC
 ATCACCATCACCGTCACCGACTTCGGGACACCCAGGCTGAAAACCGAGCACAACTAACCCTGCTGGTCT
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 CCCCCTGTCACATCGGCAGCGTCAGCGCCACAGACAGAGACTCGGGCACCAACGCCAGGTACCTAC
 TCGCTGCTGCCGCCAGGACCCGACCTGCCCTCGCTCCCTGGTCTCCATCAACGCGGACAAACGGCC
 ACCTGTTCTGCTCTCCAGTCGCTGGACTACGAGGCCCTGCAGGCGTTCGAGTTCGCGTGGGCGCCGAGA
 CCGCGGCTCCCGGCGTTGAGCAGCGAGGCGCTGGTGCCTGCTGGTGTGGACGCCAACGACAACCTCG
 CCCTTCGTGCTGTACCCGCTGCAGAACGGCTCCGCGCCCTGCACCGAGTGGTGGCCCGGGCGGCCGAGC
 CGGGCTACCTGGTGACCAAGGTGGTGGCGGTGGACGGCGACTCGGGCCAGAACGCCTGGCTGTCTACCA
 GCTGCTCAAGGCCACGGAGCCCGGGCTGTTCCGGCTGTGGGCGCACAATGGCGAGGTGCGCACCGCCAGG
 CTGCTGAGGGAGCGCGACGCTGCCAAGCAGAGGCTGGTGGTGTGGTCAAGGACAATGGCGAGCCTCCGC
 GCTCGGCCACCGCCACGCTGCACGTGCTCCTGGTGGACGGCTTCTCCAGCCCTACCTGCTGCTCCCGGA
 GGCGGCACCGGCCAGGCCAGGCCGACTTGCTCACCGTCTACCTGGTGGTGGCATTGGCTCGGTGTCT
 TCGCTCTTCTCTTCTCGGTGCTCCTGTTCTGGCGGTGCGGCTGTGCAGGAGGAGCAGGGCGGCCCTCG
 TGGTGTGCTGCTCGGTGCCGAGGGCCCTTTCCAGGGCAGATGGTGGACGTGAGCGGCACCGGGACCCT
 GTCCAGAGCTACCAAGTACGAGGTGTGTCTGACTGGAGAATCCGGGACAAATGAGTTCAAGTTCTGAAG
 CCAATTATCCCAACTTCGTTGCTCAGGGTGCAGAGAGGTTAGCGAGGCAAAATCCAGTTTCAGGAAGA
 GCTTTGAATCACT

ACGCGTACGCGGCGGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:	>RC218240 protein sequence Red=Cloning site Green=Tags(s) MEAGEGKERVPKQRQVLIFVLLGIAQASCQPRHYSVAEETESGSFVANLLKDLGLEIGELAVRGARVVS KGKKMHLQFDRQTGDLLENEKLDREELCGPTEPCVLPFQVLLLENPLQFFQAEIRIRDVNDHSPVFLDKEI LLKIPESITPGTTFLIERAQDLVDGTNSLQNYTISPWFHFLNLQDSLGIILPQLVLRALDREEQPEI RLTLTALDGGSPPRSGTALVRIEVDINDNVPEFAKLLYEVQIPEDSPVGSQVAIVSARDLDIGTNGEIS YAFSQASEDIRKTFRLSAKSGELLLRQKLDSEIQTYYTNIQATDGGGLSGTCVVFVQVMDLNDNPPELT MSTLINQIPENLQDTLIAVFSVSDPDSDGNRMVCSIQDDLPPFLKPSVENFYTLVISTALDRETRSEYN ITITVTDGTPRLKTEHNITVLVSDVNDNAPFTQTSYTLFVRENNSPALHIGSVSATDRDSGTNAQVTY SLLPPQDPHLPLASLVINADNGHLFALQSLDYEALQAFEFVGAADRGSPALSSEALVRVLVLDANDNS PFVLYPLQNGSAPCTELVPRAAEPGYLVTKVVAVDGDSGQNAWLSYQLLKATEPGLFGVWAHNGEVRTAR LLRERDAAKQRLVVLVKDNGEPPRSATLHVLLVDGFSQPYLLLPEAAPAQADLLTVYLVVALASVS SLFLFSVLLFVAVRLCRRSRAASVGRCSVPEGPFPGQMVDVSGTGTLSSQSYQYEVCLTGESGTNEFKFLK PIIPNFVAQGAERVSEANPSFRKSFEFT TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_018936
ORF Size:	2394 bp
Buffer:	PBS with 0.001% Pluronic F7825
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:	NM_018936.2
RefSeq Size:	2779 bp
RefSeq ORF:	2397 bp
Locus ID:	56133
UniProt ID:	Q9Y5E7
Cytogenetics:	5q31.3
MW:	87.3 kDa