

Product datasheet for **RC211321A1V**

Human PCDHGB4 (NM_032098) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human PCDHGB4 (NM_032098) AAV Particle
Tag:	Myc-DDK
Symbol:	PCDHGB4
Synonyms:	CDH20; FIB2; PCDH-GAMMA-B4
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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**ORF Nucleotide
Sequence:**

>RC211321 ORF sequence

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

 TTTTGAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGCATCGCC**

 ATGGGGAGCGGCGCCGGGAGCTGGGCCGGGCTGAGAGGCTGCCAGTGTCTTTCTCTTCTGCTGTCTT
TGTTCTGCCCGCGCTCTGTGAGCAGATCCGCTACAGGATTCGAGGAAATGCCCAAGGGCTCCGTAGT
GGGGAACCTCGCCACGGACCTGGGGTTCAAGCTCCAGGAGTTACCGACTCGAAAACTGCGCGTCAGTTCTG
GAGAAGCCTTACTTCACCGTGAGCGCAGAGAGCGGGAGTTGCTTGAGCAGCAGGCTAGACAGGGAGG
AGATATGCGGGAAGAAGCCAGCTTGCTCTGGAATTTGAGGCTGTTGCTGAAAACTCACTGAATTTTA
TCACGTGAATGTGAGATCGAGGACATTAATGACCACACGCCAAAATTCACGCAAAATCCTTTGAGCTG
CAAATAAGTGAGTCTGCACAGCTGGCACAGATTATATTAGGATCTGCCCATGATCGGATATTGGTA
GCAACACACTGCAGAATTACCACTCAGTCCCAGTGATCATTTCTCACTGATAAATAAGAGAAATCAGA
TGGCAGTAAATACCCTGAGATGGTATTGAAGACACCTTTGGACAGAGAAAAGCAGAAATCTACCACTTG
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ATGCCAATGATAATGCTCCAGTGTTCAGTCAAGACGTATACAGGGTGAGCCTTTAGAAAACTGTATCC
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CCAGACACAATGGAGAAGTGACTTGTAATTTGGAAGTGATGTTCCATTTAAATATTAACCTTCTCAAG
AAACACGTATAAATTAGTGACAGATGCTGTTCTAGACCGCAGCAGAAATCCAGAGTACAATATAACCGTT
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GCCAGTGACCTGGAGCAGCGGGAGCTGTCTCTACGTGTCCATAAGCGCGGAGAGCGGGGTGGTGTTCG
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GCAGGCTAGCGAGCCCGGGCTCTTCAGCCTGGGGCTGCGCACGGGCGAAGTGCGCACAGCGCGTGCTTA
GGCGACAGGGACGCCGTCCGCCAGCGCCTTCTGGTGGCGGTGCGTGACGGTGGACAGCCACCACTCTCGG
CCACTGCCACGTTGCACCTGGTCTTCGCCGACAGCTTGACAGGAGTGCTGCCGGATATCACTGACCGCCC
CGACCCCTCTGACCTCCAGGCTGAGCTGCAGTTTACCTAGTGGTGGCCTTGGCCTTGATCTCAGTGCTC
TTCTCGTGGCCATGATTCTGGCCATTGCCTTGGCGCTGCGACGCTCTCCAGCCCCGCCTCTGGAGCT
GCTTCCAGCCTGGTCTCTGTGTTAAATCCGAATCCGTGGTTCCCCCACTACAGCGAGGGGACTTTGCC
TTATTCCTACAATCTATGTGTTGCACATACAGGAAAGACGGAGTTTAATTTCTAAAATGTAGTGAGCAG
TTGAGTTTCAAGGACAAGACATACTTTGCGGTGATTCTGCGGCTTATTTCCACTTTGTAATTCAGTG
AATTGACTTCCCATCAGGTGAGTTTCCTT

ACGCGTACGCGGCGGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:	>RC211321 protein sequence Red=Cloning site Green=Tags(s) MGSGAGELGRAERLPVLFLFLLSLFCPALCEQIRYRIPEEMPKGSVVGNLATDLGFSVQELPTRKLRVSS EKPYFTVSAESGELLVSSRLDREEICGKKPACALEFEAVAENPLNFYHVNVEIEDINDHTPKFTQNSFEL QISESAQPGTRFILGSAHDADIGSNTLQNYQLSPSDHFSLINKEKSDGSKYPEMVLKTPLDREKQKSYHL TLTALDFGAPPLSSTAQIHVLVTDANDNAPVFSQDVYRVSLSENVYPGTTVLQVTATDQDEGVNAEITFS FSEASQITQFDLNSNTGEITVLNTLDFEEVKEYSIVLEARDGGGMIAQCTVEVEVIDENDNAPEVIFQSL PNLIMEDAELGTHIALLKVRDKDSRHNGEVTCKLEGDVPFKILTSSRNTYKLVTDVLDREQNPEYNITV TATDRGKPPLSSSSSITLHIGDVNDNAPVFSQSSYIVHVAENPPGASISQVRASDPDLGPNGQVSYCIM ASDLEQRELSSYVSISAESGVVFAQRAFDHEQLRAFELTLQARDQGSPALSANVSLRVLVDDRNDNAPRV LYPALGPDGSALFDMVPHAAEPGYLVTKVVAVDADSGHNAWL SYHVLQASEPGLFSLGLRTGEVARTARAL GDRDAVRQRLLVAVRDGGQPPLSATATLHLVFADSLQEVLPDITDRPDPSDLQAEQFYLVVALALISVL FLVAMILAIALRLRRSSSPASWSCFQPGLCVKSESVVPPNYSEGTLPYSYNLCVAHTGKTEFNFLKCSEQ LSSGQDILCGDSSGALFPLCNSEL TSHQVSFL TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_032098
ORF Size:	2409 bp
Buffer:	PBS with 0.001% Pluronic F6702
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_032098.1 , NP_115269.1
RefSeq Size:	2412 bp
RefSeq ORF:	2412 bp
Locus ID:	8641
UniProt ID:	Q9UN71
Cytogenetics:	5q31.3
MW:	87.4 kDa