

Product datasheet for **RC222084A1V**

Human PCDHGB7 (NM_032101) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human PCDHGB7 (NM_032101) AAV Particle
Tag:	Myc-DDK
Symbol:	PCDHGB7
Synonyms:	ME6; PCDH-GAMMA-B7
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC222084 representing NM_032101
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGGGAGGGAGCTGCGCGCAGAGCGCCGGGCCGCGGCAGGTACTATTTCTTTGCTGCTGCCTT
 TGTTCTACCCACGCTGTGTGAGCCGATCCGCTACTCGATTCCGAGGAGCTGGCCAAGGGCTCGGTGGT
 GGGGAACCTCGCTAAGGATCTAGGGCTTAGTGCTGATGTGTCGGCTCGCGAGCTGCGAGTGAGCGCG
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 AAATATGCAAAGAGAGAAGAAGATGTGAGTTGCAATTGGAAGCTGTGGTGGAAAACTCTTTAAATATTTT
 TCATGTCATTGTGGTGATTGAGGATGTTAATGACCACGCCCCCAATTCCGAAAGATGAAATAAATCTTA
 GAAATCAGTGAATCCGTAGCCTGGGGATGGGAACAATCTTGAGTCTGCAGAAGATCCTGATATTAGTA
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 TCACTCTCTGATCAGATTATGGAGGATCCCTCCAGGAGTGGTGTGGCCCTCTCAAAACACGGGACCC
 AAGACTCAGGGGAAAAATGGGGAAGTCAGGTGTAGCTTAAGTAGAGGTGTTCCATTTAAGATTCACTTCTC
 TTCTAATAATTACTACAAGCTAGTAACAGATGAGGCCCTGGATCGGGAGCAGACCCAGAGTACAACGTC
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 CTCATTGCCAGCGACCTGGAGTCACGAACGCTGTCGCTCTACGTGTCCGTGAGCGCGCAGAGCGGGGTGG
 TGTTTCGCGCAGCGCGCTTCGACCACGAGCAGCTGCGCACCTTCGAGCTCAGCTGCAGGCCCGCGACCA
 GGGCTCGCCCGCGCTCAGCGCCAATGTGAGCCTGCGCGTGTGGTGGGCGACCGTAACGACAACGCACCG
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 CGTGGTGCAGGCCAGTGAGCCCGGGCTTTTACGCTGGGGCTGCGAACAGGCGAGGTGCGCATGGTGCCT
 GCTTTGGGTGACAAGGACTCGGTCCGCCAGCGCCTGCTAGTCGCTGTAAGAGATGGAGGACAGCCACCCC
 TTTACGCCACTGCCACGCTGCACCTGGTGTTCGAGATAGCTTGAAGAGGTAAGTCCGGATTTCAGCGA
 CCATCCACACCCTCTGACTCCCAGGCTGAGATGCAGTTTTACCTGGTGGTGGCCTTGGCCTTGATTCT
 GTGCTCTTTCTCCTCGCGGTGATTCTAGCTATTGCTCTACGCCTGCGACAGTCTTTCAGCCCTACTGCAG
 GAGACTGCTTTGAGTCAGTTCTCTGCTCCAAGTCCGGACCTGTGGTCCCCCAACTACAGTGAGGGAAC
 GTTGCCCTATGCCTATAATTTTTGTGTGCTGGGGATCAATGAATCCAGAATTTAATTTTTTACATCT
 GTTGATCATTGTCCAGCCACACAAGATAACCTCAACAAAGATAGCATGCTACTGGCTAGCATTTTAACTC
 CCAGCGTTGAAGCAGATAAGAAGATTCTTAAACAGGTAAGTATT

ACGCGTACGCGGCGGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:	>RC222084 representing NM_032101 Red=Cloning site Green=Tags(s) MGGSCAQRRRAGPRQVLFPLLLPLFYPTLCEPIRYSIPEELAKGSVVGNLAKDLGLSVLDVSARELRVSA EKLHFSVDAQSGDLLVKDRIDREQICKERRRCELQLEAVVENPLNIFHVIVVIEDVNDHAPQFRKDEINL EISESVSLGMGTILESADPDISMNSLSKYQLSPNEYFSLVEKNDPDGGKYPELVLQKTLDTRETQSAHHL VLTALDGGDPPRSGTAQIRILVIDANDNPPVFSQDVYRVSLREDVPPGTSILRVKATDQDEGINSEITYS FFGVADKAQHVSFLDYTTGNILTQQPLDFEEVERYTINIEAKDRGSLSTRCKVIVEVVDENDNSPEIIIT SLSDQIMEDSPPGVVVALFKTRDQDSGENGEVRCSLSRGVPFKIHSSSNYYKLVTDEALDREQTPEYNV TIAATDRGKPLSSSKTITLHITDVNDNAPVFGQSAYLVHVPENNQPGASIAQVSASDPDFGLNGRVSYS LIASDLESRTLSSYVSVAQSGVVFAQRAFDHEQLRTFELTLQARDQGSPALSANVSLRVLVGDRNDNAP RVLYPALGPDGSALFDTVPRAAQPGLVTKVVAVDADSGHNAWLSYHVQASEPGLFSLGLRTGEVRMVR ALGDKSVQRLLVAVRDGGQPPLSATATLHLVFADSLQEVLPDFSDHPTSDSQAEMQFYLVALALIS VLFLLAVALIALRLRQSFPTAGDCFESVLCSSGPGVPPNYSEGTLPIAYNFCVPGDQMNPEFNFFTS VDHCPATQDNLNKDSMLLASILTPSVEADKKILKQVSI TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_032101
ORF Size:	2424 bp
Buffer:	PBS with 0.001% Pluronic F8446
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_032101.1
RefSeq Size:	2715 bp
RefSeq ORF:	2427 bp
Locus ID:	56099
UniProt ID:	Q9Y5F8
Cytogenetics:	5q31.3
MW:	85 kDa