

Product datasheet for **RC210863A1V**

Human PCDHGA2 (NM_032009) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human PCDHGA2 (NM_032009) AAV Particle
Tag:	Myc-DDK
Symbol:	PCDHGA2
Synonyms:	PCDH-GAMMA-A2
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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**ORF Nucleotide
Sequence:**

>RC210863 ORF sequence

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

 TTTTGTAAACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGGCGGCTCTGCAAAAGTTGCCACACTGCAGAAAGCTGGTCTGCTGTGCTTCTTTTGGCGACCTGT
 GGGAGGCCAGGGCCGGGCAGATTCTGCTATTCTGTGCGGGAAGAGATCGACAGAGGCTCCTTCGTAGGCAA
 CATCGCCAAGGACTTGGGTTTGGAGCCCTGGCACTGGCAGAGCAGGGAGTCCGCATCGTCTCCAGAGGT
 AGGTCCCAGCTCTTTGCTCTGAACCCGCGAAGCGGCAGCTTGGTCACTGCGAACAGGATAGACGGGAGG
 AGCTCTGCGCTCAGAGCGCACCTGTCTGTTGAATTTTAACATTCTGCTGGAGGATAAATTGACTATTTA
 TTCAGTAGAGGTGAAATAACAGATATTAACGATAATGCCCTCGCTTTGGAGTAGAGGAACTGGAGCTA
 AAAATCAGTGAAACCACTACGCCAGGATTCCGGATTCTCTTAAGAATGCGCATGATGCAGACGTAGGTG
 AGAACGCCCTTCAGAAGTACGCACTCAACCCAAATGACCACTTCTCCCTGGACGTGCGAAGAGGAGCTGA
 TGGGAACAAGTACCCAGAAGTGGTCTGGAGCGCTCTCTGGACCGCGAGGAAGAGGCTGTTACCCACCTC
 GTTCTCGTGGCTTCTGATGGGGGTGACCAAGTGTATCTGGCACCTCCCGCATCTGCGTGAAGGTCTGG
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 GGGACCCCGGATACTCACGGTGACCGCCACTGACGCAGATGAGGGCTACTACGCTCAAGTGGTATATTTT
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 TAAAAGATCTAGATTATGAGGATGCTACATTCATGAAATTGATATTGAAGCTCAGGATGGTCCGGGCT
 TCTAACAGAGCGAAGGTTATCGTCACGGTCTGGATGTGAATGACAATGCCCGAGAATTTTACATGACA
 TCTGCTACTAGCTCAGTTTCTGAAGACTCTCTCCAGGAACCATAAATTGGGCTTTTTAATGTACATGATA
 GAGACTCTGGGCAGAACGCATTACCCACCTGTTCACTCCCCGAGGATCTTCTTTTAAGTTAGAAAAGTC
 AGTAGACAATTACTACCGACTGGTTACAACAGAGCCCTTGACAGGGAACAGTTTTCTTTTACAACATC
 ACTCTAACCGCTAAAGATGGAGGAACCCCTCCCTGTCCACGGATGCTCACATTTTGTCCAGGTGGCAG
 ACATCAACGACAACGCACCCGCCTTCTCCCGCACATCCTACTCCACCTACATTCCCGAAAACAACCCAG
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 TTCGCGGAGGACACTGTTACGGGGGCACCCTTATCCTCTTACATCTCTATCAACTCCGACACTGGAGTAC
 TCTATGCACTGCGCTCCTTTGATTATGAGCAGTTGCGAGACTTGAAGTGTGGGTGATAGCGCGGACAG
 CGGGAACCTCCACTCAGTAGCAATGTATCATTAAAGCCTGTTCTGCTGGACGAGAACGACAACGCGCCC
 GAGATCCTGTACCCTGCCTTCCCGACAGACGGTTCCTACTGGCGTGGAGCTGGCGCCCCGCTCCGACAGC
 CCGGCTACCTGGTGACCAAGGTGGTGGCGGTGGACAGAGACTCGGGCCAGAACGCCTGGCTGTCTTACCA
 CCTGCTCAAGGCCAGCGAGCCGGGACTCTTCTCGGTGGGTCTGCACACGGGCGAGGTGCGCACGGGCGCA
 GCCCTGCTGGACAGAGACGCGCTCAAGCAGAGCCTCGTGGTGGCCATCCAGGACCACGGCCAGCCCCCTC
 TCTCCGCCACTGTACGCTCACCGTGGCCGTGGCCGACAGGATCCCCGACATCCTGGCCGACCTGGGCGAG
 CCTCGAGCCCTCCGCCATACCAACGATTTCGGACCTACTCTGTACCTGGTGGTGGCGGTGGCCGCGGTC
 TCCTGCGTCTTCTGGCCTTCGTCATCGTGTGCTGGCGCACAGGCTGCGGCGCTGGCACAAGTCACGCC
 TGCTGCAGGCTTCAGGAGGCAGCTTGACAGGCATGCAGAGCTCGCACTTTGTGGGCGTGGACGGGTTTCG
 GGCTTTCTGCAGACCTATTCCACAGAGTCTCCCTCACTGCGGACTCGCGGAAGAGCCACCTGATTTTC
 CCCAGCCCAACTATGCGGACACGCTCATCAGCCAGGAGAGCTGTGAGAAAAAGGATTTTTTATCAGCGC
 CTCAATCTCTACTCGAAGAAGAAAGAGAAGAAACGTTTTCTCAGGTAATCTATCTTTTACAACATACGT
 ACTAGCTAGTTTGCTGAAG

ACGCGTACGCGGCGGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:	>RC210863 protein sequence Red=Cloning site Green=Tags(s) MAALQKLPHCRKLVLLCFLATLWEARAGQIRYSVREEIDRGSFVGNIAKDLGLEPLALAEQGVRIVSRG RSQLFALNPRSGSLVTANRIDREELCAQSAPCLLNFNILLEDKLTIYSVEVEITDINDNAPRFGVEEEL KISSETTPGFRIPLKNAHDADVGENALQKYALNPNDHFSLDVRRGADGNKYPELVLESLDREEEAVVHL VLVASDGGDPVLSGTSRICVKVLDANDNAPVFTQPEYRISIPENTLVGTRILTVTATDADEGYAQVVF LEKSPGETSEVFELKSTSGELTIKDLDYEDATFHEIDIEAQDGPGLLTRAKVIVTVLDVNDNAPEFYMT SATSSVSEDSLPGTIIGLFNVHVRDSDGQNAFTTCSLPEDLPFKLEKSVNYYRLVTTRALDREQFSFYNI TLTAKDGGNPSLSTDAHILLQVADINDNAPAFSRTSYSTYIPENNPRGASVFSVTAHDPDSNDNAHVYS FAEDTVQGAPLSSYISINSDTGVLALRSFDYEQRLDLQVWVIARDSGNPPLSSNVSLSLFVLDQNDNAP EILYPAFPTDGGTGVELAPRSAEPGYLVTKVAVDRDSDGQNAWLSYHLLKASEPGLFSVGLHTGEVRTAR ALLDRDALKQSLVVAIQDHGQPPLSATVTLTVAVADRIDILADLGSLEPSAIPNDSDLTYLVVAVAAV SCVFLAFVIVLLAHLRRWHKSRLLQASGGSLTGMQSSHFGVDGVRAFLQTSHEVSLTADSRKSHLIF PQPNYADTLISQESCEKKDFLSAPQSLLEEEREETFSSQVIYLFTTYVLASLLK TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_032009
ORF Size:	2469 bp
Buffer:	PBS with 0.001% Pluronic F6626
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_032009.1</u>
RefSeq Size:	2735 bp
RefSeq ORF:	2472 bp
Locus ID:	56113
UniProt ID:	<u>Q9Y5H1</u>
Cytogenetics:	5q31.3
MW:	90.3 kDa