

Product datasheet for **RC211669A1V**

Human CACNB2 (NM_201571) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human CACNB2 (NM_201571) AAV Particle
Tag:	Myc-DDK
Symbol:	CACNB2
Synonyms:	CAB2; CACNLB2; CAVB2; MYSB
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC211669 representing NM_201571
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGC**

ATGAATCAGGGGAGTGGACTGGACCTGCTGAAGATCTCATATGGAAAAGGAGCCAGAAGGAAAAACAGAT
 TTAAAGGATCTGATGGAAGCACGTCTGATACTACCTCAAATAGTTTTGTTGCCAGGGTTCGGCAGA
 CTCCTACACTAGCCGTCCATCCGATTCCGATGTATCTCTGGAGGAGGACCGGGAGGCAGTGCGCAGAGAA
 GCGGAGCGGCAGGCCAGGCACAGTTGGAAAAAGCAAAGACAAAGCCGTTGCATTTGCGGTTTCGGACAA
 ATGTCAGCTACAGTGGGCCCCATGAAGATGATGTTCCAGTGCCTGGCATGGCCATCTCATTGCAAGCAAA
 AGATTTTCTGCATGTTAAGGAAAAATTTAACAATGACTGGTGGATAGGGCGATTGGTAAAAGAAGCTGT
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 CAGAAAATCAACACCTCCATCATCTGCTATAGACATAGATGCTACTGGCTTAGATGCAGAAGAAAATGAT
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 GAATGCCCTTCTTTAAGAAGACAGAGCACACTCCTCCGTATGATGTGGTACCTTCCATGCGACCACTGGT
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 AAACACAGATTGAAGGGCGGATATCCATCACAAGGTCACCGCTGACATCTCGCTTGCCAAACGCTCGG
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 AGGTTTTACAAAGGTTAATAAAATCTCGAGGGAAATCTCAAGCTAAACACCTCAACGTCAGATGGTAGC
 AGCTGATAAACTGGCTCAGTGTCTCCAGAGCTGTTTCGATGTGATCTTGGATGAGAACCAGCTTGAGGAT
 GCCTGTGAGCACCTTGCCGACTATCTGGAGGCTACTGGAAGGCCACCCATCCTCCAGCAGTAGCCTCC
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 ACAGGGTTCTCAAGGTGATCAGAGGACTGATCGCTCCGCTCCTATCCGTTCTGCTTCCCAAGCTGAAGAA
 GAACCTAGTGTGAACCAAGTCAAGAAATCCCAGCACCGCTCTTCTCCTCAGCCCCACACCACAACCATC
 GCAGTGGGACAAGTCGCGGCTCTCCAGGCAAGAGACATTTGACTCGGAAACCCAGGAGAGTCGAGACTC
 TGCCTACGTAGAGCCAAAGGAAGATTATCCCATGACCACGTGGACCACTATGCCTCACACCGTGACCAC
 AACCACAGAGACGAGACCCACGGGAGCAGTGACCACAGACACAGGGAGTCCCGGCACCGTTCCCGGGACG
 TGGATCGAGAGCAGGACCACAACGAGTGCAACAAGCAGCGCAGCGTCATAAATCCAAGGATCGCTACTG
 TGAAGGATGGAGAAGTGATATCAAAAAACGGAATGAGGCTGGGGAGTGGAACAGGGATGTTTACATC
 CGCCAA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:	>RC211669 representing NM_201571 Red=Cloning site Green=Tags(s) MNQGSGLDLLKISYGGKARRKNRFGSDGSTSSDTTSNSFVRQGSADSYTSRPSDSVSLIEDREAVRRE AERQAQALEKAKTKPVAFVRTNVSYSAAHEDDVPVPGMAISFEAKDFLHVKEKFNNDDWWIGRLVKEGC EIGFIPSPVKLENMRLQHEQRAKQKGFYSSKSGGNSSSSLGDIVSSRKSTPPSSAIDIDATGLDAEEND IPANHRSKPSPANSVTSPHSKEKRMPFFKKTEHTPPYDVVPSMRPVVLVGPSLKGYEVTDMMQKALFDFL KHFEGRISITRVTADISLAKRSVLNNPSKHAIERSNTRSSLAEVQSEIERIFELARTLQLVVLADDTI NHPAQLSKTSLAPIIVYVKISSPKVLQRLIKSRGKSQAKHLNVQMVAADKLAQCPPELFDVILDENQLED ACEHLADYLEAYWKATHPPSSSLPNPLLSRTLATSSLPLSPTLASNSQGSQGDQRTDRSAPIRSASQAEE EPSVEPVKKSQHRSSSAPHNNHRSRGLSRQETFDSETQESRDSAYVEPKEDYSHDHYDHYASHRDH NHRDETHGSSDHRHRESRHSRDVDREQDHNECNKQRSRHKSKDRYCEKDGEVISKKRNEAGEWNRDVI RQ TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_201571
ORF Size:	1896 bp
Buffer:	PBS with 0.001% Pluronic F6762
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_201571.1
RefSeq Size:	3301 bp
RefSeq ORF:	1899 bp
Locus ID:	783
UniProt ID:	Q08289
Cytogenetics:	10p12.33-p12.31
MW:	70.7 kDa