

Product datasheet for **RC209260A1V**

Human GABA A Receptor gamma 2 (GABRG2) (NM_198904) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human GABA A Receptor gamma 2 (GABRG2) (NM_198904) AAV Particle
Tag:	Myc-DDK
Symbol:	GABA A Receptor gamma 2
Synonyms:	CAE2; DEE74; ECA2; EIEE74; FEB8; GEFSP3
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC209260 representing NM_198904
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGAGTTCGCCAAATATATGGAGCACAGGAAGCTCAGTCTACTCGACTCCTGTATTTTCACAGAAAATGA
 CGGTGTGGATTCTGCTCCTGCTGCTGCTACCTGGCTCACTAGCCAGAAATCTGATGATGACTATGA
 AGATTATGCTTCTAACAAAACATGGGTCTTGACTCCAAAAGTTCTGAGGGTGTGTCCTGTCATCTTA
 AACACCTGCTGGAAGGATATGACAATAAACTTCGGCCTGATATAGGAGTGAAGCCAACGTTAATCACA
 CAGACATGTATGTGAATAGCATTGGTCCAGTGAACGCTATCAATATGGAATACACTATTGATATATTTT
 TGCGCAAACGTGGTATGACAGACGTTTGAATTTAACAGCACCATTAAAGTCTCCGATTGAACAGCAAC
 ATGGTGGGAAAATCTGGATTCCAGACACTTTCTCAGAAAATCCAAAAAGCTGATGCACACTGGATCA
 CCACCCCAACAGGATGCTGAGAATTTGGAATGATGGTCGAGTCTACACCCTAAGGTTGACAATTGA
 TGCTGAGTGCCAATTACAATTGCACAACCTTCCAATGGATGAACACTCCTGCCCTTGGAGTTCTCAAGT
 TATGGCTATCCAGTGAAGAAATGTTTATCAATGGAAGCGAAGTTCTGTTGAAGTGGGCGACACAAGAT
 CCTGGAGGCTTATCAATTCTCATTTGTTGGTCTAAGAAATACCACCGAAGTAGTGAAGCAACTTCCGG
 AGATTATGTTGTCATGCTGCTACTTTGATCTGAGCAGAAGAATGGGATACTTTACCATCCAGACCTAT
 ATCCCCTGCACACTCATTGCTGCTATCCTGGGTGCTTTCTGGATCAATAAGGATGCTGTTCCAGCCA
 GAACATCTTTAGGTATCACCCTGCTGCAATGACCACCCTCAGCACCATTGCCCGGAAATCGCTCCC
 CAAGGTCTCTATGTCACAGCGATGGATCTCTTTGATCTGTTTGTTCATCTTGTCTTCTGCTCTG
 GTGGAGTATGGCACCTTGCCTTATTTTGTGAGCAACCGGAAACCAAGCAAGGACAAGATAAAAAAGA
 AAAACCTCTTCTCGGATGTTTCTTCAAGGCCCTACCATTGATATCCGCCCAAGATCAGCAACCT
 TCAAATGAATAATGCTACACACCTTCAAGAGAGAGATGAAGAGTACGGCTATGAGTGTCTGGACGCAAG
 GACTGTGCCAGTTTTTCTGCTGTTTTGAGATTGTGCAACAGGAGCTTGGAGACATGGGAGGATACATA
 TCCGATTGCCAAAATGGACTCCTATGCTCGGATCTTCTCCCACTGCCTTCTGCTGTTAATCTGGT
 CTATTGGGTCTCTACCTCTACCTG

ACGGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC209260 representing NM_198904
 Red=Cloning site Green=Tags(s)

MSSPNIWSTGSSVYSTPVFSQKMTVWILLLLSLYPGFTSQKSDDDYEDYASNKTWVWTPKVPEGDVTVIL
 NNLEGYDNKLRPDIGVKPTLIHTDMYVNSIGPVNAINMEYIDIFFAQTWYDRRLKFNSTIKVLRRLNSN
 MVGKIWIPTFFRNSKKADAHWITTPNRMLRIWNDGRVLYTLRLTIDAECQLQLHNFPMDEHSCPLEFSS
 YGYPREEIVYQWKRSSVEVDTRSWRLYQFSFVGLRNTTEVVKTTSGDYVVMVSYFDLSRRMGYFTIQTY
 IPCTLIIVVLSWVSFWINKDAVPARTSLGITTVLMTTLSTIARKSLPKVSYVTAMDLFVSVCFIFVFSAL
 VEYGTLYRFVSNRKPSKDKKKKNPLLRMFSFKAPTIDIRPRSATIQMNNATHLQERDEEYGYECLDGK
 DCASFCCFCEDCRTGAWRHGRIHIRIAKMDSYARIFFPTAFCLFNLVYVWVSYLYL

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:

AAV-2

ACCN:

NM_198904

ORF Size:

1425 bp

Buffer:

PBS with 0.001% Pluronic F68

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_198904.1</u>
RefSeq Size:	3871 bp
RefSeq ORF:	1428 bp
Locus ID:	2566
UniProt ID:	<u>P18507</u>
Cytogenetics:	5q34
MW:	50.8 kDa