

Product datasheet for **RC205166A1V**

Human GABA A Receptor beta 1 (GABRB1) (NM_000812) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human GABA A Receptor beta 1 (GABRB1) (NM_000812) AAV Particle
Tag:	Myc-DDK
Symbol:	GABA A Receptor beta 1
Synonyms:	DEE45; EIEE45
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC205166 representing NM_000812
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCCGCATCGCC

ATGTGGACAGTACAAAATCGAGAGAGTCTGGGGCTTCTCTTTCCCTGTGATGATTACCATGGTCTGTT
 GTGCACACAGCACC AATGAACCCAGCAACATGTCATACGTGAAAGAGACAGTGGACAGATTGCTCAAAGG
 ATATGACATTCGCTTGC GGCGGACTTCGGAGGGCCCCCGTCGACGTTGGGATGCGGATCGATGTCGCC
 AGCATAGACATGGTCTCCGAAGTGAATATGGATTATACACTCACCATGTATTTCCAGCAGTCTTGAAAG
 AAAAAAGGCTTTCTTATTCTGGAATCCCACTGAACCTCACCCTAGACAATAGGGTAGCTGACCAACTCTG
 TGTACCAGACACCTACTTTCTGAATGACAAGAAATCATTTGTGCATGGGGTACAGTGAAAAATCGAATG
 ATTCGACTGCATCCTGATGGAACAGTTCTCTATGGACTCCGAATCACAACCACAGCTGCATGTATGATGG
 ATCTTCGAAGATATCCACTGGATGAGCAGAAGTGCACCCTGGAGATCGAAAGTTATGGCTATACCACTGA
 TGACATTGAATTTTACTGGAATGGAGGAGAAGGGGCAGTCACTGGTGTTAATAAAATCGAACTTCCTCAA
 TTTTCAATTGTTGACTACAAGATGGTGTCTAAGAAGGTGGAGTTCACAACAGGAGCGTATCCACGACTGT
 CACTAAGTTTTCTGCTAAAGAGAAACATTGGTTACTTCATTTTGCAAACCTACATGCCTTCTACACTGAT
 TACAATTCTGTCTGGTGTCTTTTGGATCAACTATGATGCATCTGCAGCCAGAGTCGCACTAGGAATC
 ACGACGGTGCTTACAATGACAACCATCAGCACCCACCTCAGGGAGACCCTGCCAAAGATCCCTTATGTCA
 AAGCGATTGATATTTATCTGATGGGTTGCTTTGTGTTGTCTGCTGGCTCTGCTGGAGTATGCCTTTGT
 AAATTACATCTTCTTTGGGAAAGGCCCTCAGAAAAAGGGAGCTAGCAACAAGACCAGAGTGCCAATGAG
 AAGAATAAACTGGAGATGAATAAAGTCCAGGTCGACGCCACGGTAACATTCTCTCAGCACCCCTGGAAA
 TCCGGAATGAGACGAGTGGCTCGGAAGTCTCAGGAGCGTGAGCGACCCCAAGGCCACCATGTACTCTTA
 TGACAGCGCCAGCATCCAGTACCGCAAGCCCCTGAGCAGCCGCGAGGCCCTACGGGCGCGCCCTGGACCGG
 CACGGGGTACCCAGCAAGGGGCGCAACCGCAGGCGTGCCTCCCAGCTCAAAGTCAAGATCCCGACTTGA
 CTGATGTGAATTCCATAGACAAGTGGTCCCGAATGTTTTTCCCACATCACCTTTTCTTTTAAATGTCGT
 CTATTGGCTTTACTATGTACAC

ACGCGTACGCGGCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC205166 representing NM_000812
 Red=Cloning site Green=Tags(s)

MWTVQNRESLGLLSFPVMITMVCAHSTNEPSNMSYVKETVDRLKGYDIRLRPDFGGPPVDVGMRIDVA
 SIDMVSEVNMDYTLTMYFQQSWKDKRLSYSGIPLNLTLDNRVADQLCVPDITYFLNDKKSFVHGVTVKRM
 IRLHPDGTVL YGLRITTTAACMMDLRRYPLDEQNCTLEIESYGYTTDDIEFYWNGGEGAVTGVNKIELPQ
 FSIVDYKMSKKVEFTTGAYPRLSLSFRLKRNIGYFILQTYMPSTLITILSWVSFWINYDASAARVALGI
 TTVLTMTTISTHLRETLPKIPYVKAIDYLMGCFVVFVFLALLEYAFVNYIFFGKGPQKKGASKQDQSANE
 KNKLEMNKVQVDAHGNILLSTLEIRNETSGSEVLTSVSDPKATMYSYDSASIQYRKPLSSREAYGRALDR
 HGVPSKGRNRRRASQLKYKIPDLTDVNSIDKWSRMFFPITFSLFNVVYWLYYVH

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:

AAV-2

ACCN:

NM_000812

ORF Size:

1422 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_000812.2</u>
RefSeq Size:	1925 bp
RefSeq ORF:	1425 bp
Locus ID:	2560
UniProt ID:	<u>P18505</u>
Cytogenetics:	4p12
MW:	54.1 kDa