

Product datasheet for **RC216424A1V**

Human GABA A Receptor beta 2 (GABRB2) (NM_000813) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human GABA A Receptor beta 2 (GABRB2) (NM_000813) AAV Particle
Tag:	Myc-DDK
Symbol:	GABA A Receptor beta 2
Synonyms:	DEE92; ICEE2
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC216424 representing NM_000813
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCCGCATCGC

ATGTGGAGAGTGCAGAAAAGGGCTACTTTGGGATTTGGTCTTCCCCTTAATAATCGCCGCTGTCTGTG
 CGCAGAGTGTCAATGACCCTAGTAATATGTCGCTGGTTAAAGAGACGGTGGATAGACTCCTGAAAGGCTA
 TGACATTCGTCTGAGACCAGATTTGGAGGTCCCCCGTGGCTGTGGGGATGAACATTGACATTGCCAGC
 ATCGATATGGTTTCTGAAGTCAATATGGATTATACCTTGACAATGTACTTTCAACAAGCCTGGAGAGATA
 AGAGGCTGTCCTATAATGTAATACCTTTAACTTGACTCTGGACAACAGAGTGGCAGACCAGCTCTGGGT
 GCCTGATACCTATTTCTGAACGATAAGAAGTCATTTGTGCACGGAGTGACTGTTAAGAACCGCATGATT
 CGCCTGCATCCTGATGGCACCCTCTTTATGGACTCAGAATCACAACCACAGCTGCCTGCATGATGGACC
 TAAGGAGGTACCCACTGGATGAACAAAAGTGCACCTTGAAATTGAGAGCTATGGATACACAAGTATGA
 CATTGAGTTTTACTGGCTGGCGATGATAATGCAGTAACAGGAGTAACGAAATTTGAAGTCCACAGTTC
 TCTATTGTAGATTACAACTTATCACCAAGAAGTTGTTTTTCCACAGGTTCTATCCAGGTTATCCC
 TCAGCTTTAAGCTTAAGAGAAACATTGGCTACTTTATCCTGCAACATACATGCCTTCCATCCTGATTAC
 CATCCTCTCCTGGGTCTCCTTCTGGATTAATTACGATGCTTCAGCTGCAAGGGTGGCATTAGGAATCACA
 ACTGTCCTCACAATGACCACAATCAACACCCACCTCCGGGAACTCTCCCTAAAAATCCCCTATGTGAAGG
 CCATTGACATGTACCTGATGGGTGCTTTGTCTTCGTTTTATGGCCCTTCTGGAATATGCCCTAGTCAA
 CTACATCTTCTTTGGAGGGGGCCCCAACGCCAAAAGAAAGCAGCTGAGAAGGCTGCCAGTGCCAACAAT
 GAGAAGATGCGCCTGGATGTCAACAAGATGGACCCCATGAGAATCTTACTGAGCACTCTCGAGATAA
 AAAATGAAATGGCCACATCTGAGGCTGTGATGGGACTTGAGACCCAGAGACAATGCTAGCCTATGA
 TGCCTCCAGCATCCAGTATCGGAAAGCTGGGTTGCCAGGCATAGTTTTGGCCGAAATGCTCTGGAACGA
 CATGTGGCGCAAAAGAAAAGTCGCTGAGGAGACGCGCCTCCCACTGAAATACCATCCCTGACTTGA
 CTGATGTGAATGCCATAGATCGGTGGTCCCGCATATTCTTCCAGTGGTTTTTCTTCTTCAACATCGT
 CTATTGGCTTTATTATGTGAAC

ACGCGTACGCGGCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC216424 representing NM_000813
 Red=Cloning site Green=Tags(s)

MWRVRKRGYFGIWSFPLIIA AVCAQSVNDPSNMSLVKETVDRLLKGYDIRLRPDFGGPPVAVGMNIDIAS
 IDMVSEVNMDYLTMYFQQAWRDKRLSYNVIPLNL TLDNRVADQLWVPDITYFLNDKKS FVHGVTVKNRMI
 RLHPDGTVL YGLRITTTAACMMDLRRYPLDEQNCTLEIESYGYTTDDIEFYWRGDDNAVTVTKIELPQF
 SIVDYKLITKKVVFSTGSYPRLSL SFLKRNIGYFILQTYMPSILITILSWVSWINYDASAARVALGIT
 TVLTMTTINTHLRETLPKIPYVKAIDMYLMGCFVVFMALLEYALVNYIFFGRGPQRQKAAEKAASANN
 EKMRLDVNKMDPHENILLSTLEIKNEMATSEAVMGLGDPRTMLAYDASSIQYRKAGLPRHSFGRNALER
 HVAQKKSRLRRRASQLKITIPDLTDVNAIDRWSRIFFPVVFSFFNIVYWLYYVN

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:

AAV-2

ACCN:

NM_000813

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_000813.1</u>
RefSeq Size:	1860 bp
RefSeq ORF:	1425 bp
Locus ID:	2561
UniProt ID:	<u>P47870</u>
Cytogenetics:	5q34
MW:	54.4 kDa