

Product datasheet for **RC225756A1V**

Human GABA A Receptor alpha 1 (GABRA1) (NM_001127647) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human GABA A Receptor alpha 1 (GABRA1) (NM_001127647) AAV Particle
Tag:	Myc-DDK
Symbol:	GABA A Receptor alpha 1
Synonyms:	ECA4; EJM; EJM5
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC225756 representing NM_001127647
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGC**

ATGAGGAAAAGTCCAGGTCTGTCTGACTGTCTTTGGCCTGGATCCTCCTTCTGAGCACACTGACTGGAA
 GAAGCTATGGACAGCCGTCATTACAAGATGAACCTAAAGACAATACCACTGTCTTACCAGGATTTTGA
 CAGACTCTAGATGTTATGACAATCGCCTGAGACCAGGATTGGGAGAGCGTGAACCGAAGTGAAGACT
 GATATCTTCGTACCAGTTTCGGACCCGTTTCAGACCATGATATGGAATATACAATAGATGTATTTTCC
 GTCAAAGCTGGAAGGATGAAAGGTTAAATTTAAAGGACCTATGACAGTCCTCCGGTTAAATAACCTAAT
 GGCAAGTAAATCTGGACTCCGGACACATTTTCCACAATGAAAGAAGTCAGTGGCCCAACATGACC
 ATGCCCAACAACTCTGCGGATCACAGAGGATGGCACCTTGCTGTACACCATGAGGCTGACAGTGAGAG
 CTGAATGTCCGATGCATTTGGAGGACTTCCTATGGATGCCCATGCTTGGCCACTAAAATTTGGAAGTTA
 TGCTTATACAAGAGCAGAAGTTGTTTATGAATGGACCAGAGAGCCAGCACGCTCAGTGGTTGTAGCAGAA
 GATGGATCACGTCTAAACCAAGTATGACCTTCTTGGACAAACAGTAGACTCTGGAATTGTCCAGTCAAGTA
 CAGGAGAATATGTTGTTATGACCACTCATTTCCTTGAAGAGAAAGATTGGCTACTTTGTTATTCAAAC
 ATACCTGCCATGCATAATGACAGTGATTCTCTCACAAGTCTCCTTCTGGCTCAACAGAGAGTCTGTACCA
 GCAAGAAGTGTCTTTGGAGTAACAAGTGTGCTCACCATGACAACATTGAGCATCAGTGCCAGAACTCCC
 TCCCTAAGGTGGCTTATGCAACAGCTATGGATTGGTTTATTGCCGTGTGCTATGCCTTTGTGTTCTCAGC
 TCTGATTGAGTTTGCCACAGTAACTATTTCACTAAGAGAGGTTATGCATGGGATGGCAAAAGTGTGGTT
 CCAGAAAAGCCAAAGAAAGTAAAGGATCCTCTTATTAAGAAAAACAACACTTACGCTCCAACAGCAACCA
 GCTACACCCCTAATTTGGCCAGGGGCGACCCGGCTTAGCCACCATTGCTAAAAGTGAACCATAGAACC
 TAAAGAGGTCAAGCCCGAAACAAAACCAACCAAGCAACCAAGAAACCTTTAACAGTGTGAGCAAAATTGAC
 CGACTGTCAAGAATAGCCTTCCCGCTGCTATTTGGAATCTTAACTTAGTCTACTGGGCTACGTATTTAA
 ACAGAGAGCCTCAGCTAAAAGCCCCACACCACATCAA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC225756 representing NM_001127647
 Red=Cloning site Green=Tags(s)

MRKSPGLSDCLWAWILLSTLTGRSYGQPSLQDELKDNTTVFTRILDRLLDGYDNRLRPGLGERVTEVKT
 DIFVTSFGPVSDHMEYIDVFFRQSWKDERLKFPGMTVLRNLNLMASKIWTPDTFFHNGKKSVAHNMT
 MPNKLRLITEDGTLTYMRLTVRAECPMHLEDFPMDAHACPLKFGSYAYTRAEVVYEWTRPARSVVVAE
 DGSRLNQYDLLGQTVDSGIVQSSTGEYVVMTHFHLKRKIGYFVIQTYLPCIMTVILSQVSFWLNRESVP
 ARTVFGVTTVLMTTSLISARNSLPKVAYATAMDWFIACVYAFVFSALIEFATVNYFTKRGYAWDGKSVV
 PEKPKKVKDPLIKKNNTYAPTATSYTPNLARGDPGLATIAKSATIEPKEVKPETKPPPEPKKTFNSVSKID
 RLSRIAFPLLFQIFNLVYWATYLNREPQLKAPTPHQ

TRTRPLE**QKL**ISEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:

AAV-2

ACCN:

NM_001127647

ORF Size:

1368 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_001127647.1, NP_001121119.1</u>
RefSeq ORF:	1370 bp
Locus ID:	2554
Cytogenetics:	5q34
MW:	51.6 kDa