

Product datasheet for **RC225764A1V**

Human GABA A Receptor alpha 1 (GABRA1) (NM_001127645) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human GABA A Receptor alpha 1 (GABRA1) (NM_001127645) AAV Particle
Tag:	Myc-DDK
Symbol:	GABA A Receptor alpha 1
Synonyms:	DEE19; ECA4; EIEE19; EJM; EJM5
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC225764 representing NM_001127645
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGCC**

ATGAGGAAAAGTCCAGGTCTGTCTGACTGTCTTTGGCCTGGATCCTCCTCTGAGCACACTGACTGGAA
 GAAGCTATGGACAGCCGTCATTACAAGATGAACCTAAAGACAATACCACTGTCTTACCAGGATTTTGG
 CAGACTCTAGATGGTTATGACAATCGCCTGAGACCAGGATTGGGAGAGCGTGTAAACCGAAGTGAAGACT
 GATATCTTCGTCACCAGTTTCGGACCCGTTTCAGACCATGATATGGAATATACAATAGATGTATTTTCC
 GTCAAAGCTGGAAGGATGAAAGGTTAAATTTAAAGGACCTATGACAGTCCTCCGGTTAAATAACCTAAT
 GGCAAGTAAAATCTGGACTCCGGACACATTTTCCACAATGGAAGAAGTCAGTGGCCCAACATGACC
 ATGCCAACAACTCTGCGGATCACAGAGGATGGCACCTTGCTGTACACCATGAGGCTGACAGTGAGAG
 CTGAATGTCCGATGCATTTGGAGGACTCCCTATGGATGCCCATGCTTGCCCACTAAAATTTGGAAGTTA
 TGCTTATAACAAGAGCAGAAGTTGTTTATGAATGGACCAGAGAGCCAGCAGCTCAGTGGTTGTAGCAGAA
 GATGGATCACGTCTAAACCAGTATGACCTTCTTGACAACAGTAGACTCTGGAATTGTCCAGTCAAGTA
 CAGGAGAATATGTTGTTATGACCACTCATTCCACTTGAAGAGAAAGATTGGCTACTTTGTTATTTCAAAC
 ATACCTGCCATGCATAATGACAGTGATTCTCTACAAGTCTCCTTCTGGCTCAACAGAGAGTCTGTACCA
 GCAAGAAGTGTCTTTGGAGTAACAAGTGTCTCACCATGACAACATTGAGCATCAGTGCCAGAACTCCC
 TCCCTAAGGTGGCTTATGCAACAGCTATGGATTGGTTTATTGCCGTGTGCTATGCCTTTGTGTTCTCAGC
 TCTGATTGAGTTTCCACAGTAACTATTTCACTAAGAGAGTTATGCATGGGATGGCAAAAGTGTGGTT
 CCAGAAAAGCCAAAGAAAAGTAAAGGATCCTCTTATTAAGAAAAACAACACTTACGCTCCAACAGCAACCA
 GCTACACCCCTAATTTGGCCAGGGCGACCCGGGCTTAGCCACCATTGCTAAAAGTGAACCATGAGAACC
 TAAAGAGGTCAAGCCCGAAACAAAACCAACCAAGAAACCTTTAACAGTGTGAGCAAAAATTGAC
 CGACTGTCAAGAATAGCCTTCCCGCTGCTATTTGGAATCTTTAACTTAGTCTACTGGGCTACGTATTTAA
 ACAGAGAGCCTCAGCTAAAAGCCCCACACCACATCAA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC225764 representing NM_001127645
 Red=Cloning site Green=Tags(s)

MRKSPGLSDCLWAWILLSTLTGRSYGQPSLQDELKDNTTVFTRILDRLLDGYDNRLRPGLGERVTEVKT
 DIFVTSFGPVSVDHMEYIDVFFRQSWKDERLKFPGPMTVLRNLNLMASKIWTPTDFHNGKKSVAHNMT
 MPNKLLRITEDGTLTYMRLTVRAECPMHLEDFPMDAHACPLKFGSYAYTRAEVVYEWTRPARSVVVAE
 DGSRLNQYDLLGQTVDSGIVQSSTGEYVVMTHFHLKRKIGYFVIQTYLPCIMTVILSQVSFWLNRESVP
 ARTVFGVTTVLMTTLLSISARNSLPKVAYATAMDWFIACVYAFVFSALIEFATVNYFTKRGYAWDGKSVV
 PEKPKKVKDPLIKKNNTYAPTATSYTPNLARGDPGLATIAKSATIEPKEVKPETKPPPEPKKTFNSVSKID
 RLSRIAFPLLFNLYVWATYLNREPQLKAPTPHQ

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:

AAV-2

ACCN:

NM_001127645

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_001127645.1</u>
RefSeq ORF:	1371 bp
Locus ID:	2554
UniProt ID:	<u>P14867</u>
Cytogenetics:	5q34
MW:	51.6 kDa