

## Product datasheet for **RC225759A1V**

### Human GABA A Receptor alpha 1 (GABRA1) (NM\_001127648) AAV Particle

#### Product data:

Product Type:	AAV Particles
Product Name:	Human GABA A Receptor alpha 1 (GABRA1) (NM_001127648) 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:**

>RC225759 representing NM\_001127648  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**GCGATCGCC**

ATGAGGAAAAGTCCAGGTCTGTCTGACTGTCTTTGGCCTGGATCCTCCTCTGAGCACACTGACTGGAA  
 GAAGCTATGGACAGCCGTCATTACAAGATGAACCTAAAGACAATACCACTGTCTTACCAGGATTTTGG  
 CAGACTCTAGATGGTTATGACAATCGCCTGAGACCAGGATTGGGAGAGCGTGTAAACGAAGTGAAGACT  
 GATATCTTCGTCACCAGTTTCGGACCCGTTTCAGACCATGATATGGAATATACAATAGATGATTTTTCC  
 GTCAAAGCTGGAAGGATGAAAGGTTAAATTTAAAGGACCTATGACAGTCCTCCGGTTAAATAACCTAAT  
 GGCAAGTAAAATCTGGACTCCGGACACATTTTTCCACAATGAAAGAAGTCAGTGGCCCAACATGACC  
 ATGCCAACAACTCCTGCGGATCACAGAGGATGGCACCTTGCTGTACACCATGAGGCTGACAGTGAGAG  
 CTGAATGTCCGATGCATTTGGAGGACTCCCTATGGATGCCCATGCTTGCCCACTAAAATTTGGAAGTTA  
 TGCTTATACAAGAGCAGAAGTTGTTTATGAATGGACCAGAGAGCCAGCAGCTCAGTGGTTGTAGCAGAA  
 GATGGATCACGTCTAAACCAGTATGACCTTCTTGACAACAGTAGACTCTGGAATTGTCCAGTCAAGTA  
 CAGGAGAATATGTTGTTATGACCACTCATTCCACTTGAAGAGAAAGATTGGCTACTTTGTTATTTCAAAC  
 ATACCTGCCATGCATAATGACAGTGATTCTCTCACAAGTCTCCTTCTGGCTCAACAGAGAGTCTGTACCA  
 GCAAGAAGTGTCTTTGGAGTAACAAGTGTCTCACCATGACAACATTGAGCATCAGTGCCAGAAACTCCC  
 TCCCTAAGGTGGCTTATGCAACAGCTATGGATTGGTTTATTGCCGTGTGCTATGCCTTTGTGTTCTCAGC  
 TCTGATTGAGTTTGCCACAGTAACTATTTCACTAAGAGAGTTATGCATGGGATGGCAAAAGTGTGGTT  
 CCAGAAAAGCCAAAGAAAAGTAAAGGATCCTCTTATTAAGAAAAACAACACTTACGCTCCAACAGCAACCA  
 GCTACACCCCTAATTTGGCCAGGGCGACCCGGGCTTAGCCACCATTGCTAAAAGTGAACCATAGAACC  
 TAAAGAGGTCAAGCCCGAAACAAAACCAACCAAGAAACCTTTAACAGTGTGAGCAAAAATTGAC  
 CGACTGTCAAGAATAGCCTTCCCGCTGCTATTTGGAATCTTTAACTTAGTCTACTGGGCTACGTATTTAA  
 ACAGAGAGCCTCAGCTAAAAGCCCCACACCACATCAA

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Protein Sequence:**

>RC225759 representing NM\_001127648  
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MRKSPGLSDCLWAWILLSTLTGRSYGQPSLQDELKDNTTVFTRILDRLLDGYDNRLRPGLGERVTEVKT  
 DIFVTSFGPVSVDHMEYIDVFFRQSWKDERLKFPGPMTVLRNLNLMASKIWTPTDFHNGKKSVAHNMT  
 MPNKLLRITEDGTLTYMRLTVRAECPMHLEDFPMDAHACPLKFGSYAYTRAEVVYEWTRPARSVVVAE  
 DGSRLNQYDLLGQTVDSGIVQSSTGEYVVMTHFHLKRKIGYFVIQTYLPCIMTVILSQVSFWLNRESVP  
 ARTVFGVTTVLMTTLSISARNSLPKVAYATAMDWFIACVYAFVFSALIEFATVNYFTKRGYAWDGKSVV  
 PEKPKKVKDPLIKKNNTYAPTATSYTPNLARGDPGLATIAKSATIEPKEVKPETKPPPEPKKTFNSVSKID  
 RLSRIAFLPLFGIFNLVYWATYLNREPQLKAPTPHQ

**TR**TRPLEQKLISEEDLAANDILDYKDDDDKV

**Species:**

Human

**Serotype:**

AAV-2

**ACCN:**

NM\_001127648

**ORF Size:**

1368 bp

**Buffer:**

PBS with 0.001% Pluronic F68

<b>Stability:</b>	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.
<b>RefSeq:</b>	<u><a href="#">NM_001127648.1</a></u>
<b>RefSeq ORF:</b>	1371 bp
<b>Locus ID:</b>	2554
<b>UniProt ID:</b>	<u><a href="#">P14867</a></u>
<b>Cytogenetics:</b>	5q34
<b>MW:</b>	51.6 kDa