

Product datasheet for **RC220967A1V**

Human GABA A Receptor beta 3 (GABRB3) (NM_021912) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human GABA A Receptor beta 3 (GABRB3) (NM_021912) AAV Particle
Tag:	Myc-DDK
Symbol:	GABA A Receptor beta 3
Synonyms:	DEE43; ECA5; EIEE43
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC220967 representing NM_021912
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCCGCATCGCC

ATGTGCTCCGGCTCCTGGAGCTCCTGTGCCCATCTGGCTCTCCTGGACCTGGGGACTCGAGGCTCTG
 AGCCTCGCAGTGTGAACGATCCCGGAACATGTCTTTGTGAAGGAGACGGTGGACAAGCTGTTGAAAGG
 CTACGACATTCGCCTAAGACCCGACTTCGGGGTCCCCGGTCTGCGTGGGGATGAACATCGACATCGCC
 AGCATCGACATGGTTTCCGAAGTCAACATGGATTATACCTTAACCATGTATTTTCAACAATATTGGAGAG
 AAAAAAGGCTCGCCTATTCTGGGATCCCTCTCAACCTCACGCTTGACAATCGAGTGGCTGACCAGCTATG
 GGTGCCCGACACATATTTCTAAATGACAAAAAGTCATTTGTGCATGGAGTGACAGTGAAAAACCGCATG
 ATCCGTCTTACCCTGATGGGACAGTGTGTATGGGCTCAGAATCACCACGACAGCAGCATGCATGATGG
 ACCTCAGGAGATACCCCTGGACGAGCAGAATGCACTCTGGAATTTGAAAGCTATGGCTACACCACGGA
 TGACATTGAGTTTACTGGCGAGGCGGGACAAGGCTGTACCGGAGTGAAAGGATTGAGCTCCCGCAG
 TTCTCCATCGTGAGCACCGTCTGGTCTCGAGGAATGTTGTCTTCCGCACAGGTGCCTATCCTCGACTGT
 CACTGAGCTTTGCGTTGAAGAGGAACATTGGATACTTCATTCTTCAGACTTATATGCCCTCTATACTGAT
 AACGATTCTGTGCTGGGTGTCCTTCTGGATCAATTATGATGCATCTGCTGCTAGAGTTGCCCTCGGGATC
 ACAACTGTGCTGACAATGACAACCATCAACACCCACCTTCGGGAGACCTTGCCCAAAATCCCCTATGTCA
 AAGCCATTGACATGTACCTTATGGGCTGCTTCGTCTTTGTGTTCTTGGCCCTTCTGGAGTATGCCTTTGT
 CAACTACATTTCTTTGGAAGAGGCCCTCAAAGGCAGAAGAAGCTTGCAAAAAGACAGCAAGGCAAAG
 AATGACCGTTCAAAGAGCGAAAGCAACCGGGTGGATGCTCATGGAATATTCTGTTGACATCGCTGGAAG
 TTCACAATGAAATGAATGAGTCTCAGCGCGCATTTGGGATACAGGAATTCAGCAATATCCTTTGACAA
 CTCAGGAATCCAGTACAGGAAACAGAGCATGCCCTCGAGAAGGGCATGGGCGATTCTGGGGGACAGAAGC
 CTCCCGCACAAGAAGACCCATCTACGGAGGAGGTCTTACAGCTCAAAATTTAAATACCTGATCTAACCG
 ATGTGAATGCCATAGACAGATGGTCCAGGATCGTGTTCATTCACTTTTCTTTTCACTTAGTTTA
 CTGGCTGTACTATGTTAACT

ACGCGTACGCGGCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC220967 representing NM_021912
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MCSGLLELLLPIWLSWTLGTRGSEPRSVNDPGNMSFVKETVDKLLKGYDIRLRPFDGPPVCVGMNIDIA
 SIDMVSEVNMDYTLTMYFQQYWRDKRLAYSGIPLNLTLDNRVADQLWVPDITYFLNDKKSFVHGVTVKRM
 IRLHPDGTVL YGLRITTTAACMMDLRRYPLDEQNCTLEIESYGYTTDDIEFYWRGGDKAVTGVERIELPQ
 FSIVEHRLVSRNVVFATGAYPRLSLSFRLKRNIGYFILQTYMPSILITILSWVSFWINYDASAARVALGI
 TTVLTMTTINTHLRETLPKIPYVKAIDMYLMGCFVFVFLALLEYAFVNYIFFGRGPQRQKKLAETAKAK
 NDRSKSESNRVDAHGNILLTSLEVHNEMNEVSGGIGDTRNSAISFDNSGIQYRKQSMPEGHGRFLGDRS
 LPHKTHLRRSSQLKIKIPDLTDVNAIDRWSRIVFPFTFSLFNLVYWLYYVN

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:

AAV-2

ACCN:

NM_021912

ORF Size:

1419 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_021912.2</u>
RefSeq Size:	2970 bp
RefSeq ORF:	1422 bp
Locus ID:	2562
UniProt ID:	<u>P28472</u>
Cytogenetics:	15q12
MW:	51.6 kDa