

Product datasheet for **RC201993A1V**

Human GABA A Receptor beta 3 (GABRB3) (NM_000814) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human GABA A Receptor beta 3 (GABRB3) (NM_000814) 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)
ORF Nucleotide Sequence:	>RC201993 representing NM_000814. Blue=ORF Red=Cloning site Green=Tag(s)

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GCTCGTTTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
ATGTGGGGCCTTGCGGGAGGAAGGCTTTTCGGCATCTTCTCGGCCCGGTGCTGGTGGCTGTGGTGTGC
TGCGCCAGAGTGTGAACGATCCCGGAACATGTCCTTTGTGAAGGAGACGGTGGACAAGCTGTTGAAA
GGCTACGACATTCGCCTAAGACCCGACTTCGGGGTCCCCGGTCTGCGTGGGGATGAACATCGACATC
GCCAGCATCGACATGGTTTCCGAAGTCAACATGGATTATACCTTAACCATGTATTTTCAACAATATTGG
AGAGATAAAAGGCTCGCCTATTCTGGGATCCCTCTCAACCTCACGCTTGACAATCGAGTGGCTGACCAG
CTATGGGTGCCGACACATATTTCTTAAATGACAAAAAGTCATTTGTGCATGGAGTGACAGTGAAAAAC
CGCATGATCCGTCTTACCCTGATGGGACAGTGTGTATGGGCTCAGAATCACCAGACAGCAGCATGC
ATGATGGACCTCAGGAGATACCCCTGGACGAGCAGAAGTCACTCTGGAATGAAAGCTATGGCTAC
ACCACGGATGACATTGAGTTTTACTGGCGAGGCGGGACAAGGCTGTACCGAGTGAAAGGATTGAG
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CCTCGACTGCTCACTGAGCTTTCGGTTGAAGAGGAACATTGGATACTTCATTCTTCAGACTTATATGCC
TCTATACTGATAACGATTCTGTCGTGGGTGCTCTTCTGGATCAATTATGATGCATCTGCTGCTAGAGTT
GCCCTCGGGATCACAACGTGCTGACAATGACAACCATCAACACCCACCTTCGGGAGACCTTGCCAAA
ATCCCCTATGTCAAAGCCATTGACATGTACCTTATGGGCTGCTTGTCTTTGTGTTCTGGCCCTTCTG
GAGTATGCCTTTGTCAACTACATTTTCTTGAAGAGGCCCTCAAAGGCAGAAGAAGCTTGCAAAAAG
ACAGCCAAGGCAAAGAATGACCGTTCAAAGAGCGAAAGCAACCGGTGGATGCTCATGAAATATTCTG
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GCAATATCCTTTGACAACTCAGGAATCCAGTACAGGAAACAGAGCATGCCTCGAGAAGGGCATGGGCGA
TTCTGGGGGACAGAAGCCTCCCGCACAAGAAGACCCATCTACGGAGGAGGTCTTACAGCTCAAAAT
AAAATACCTGATCTAACCAGTGTGAATGCCATAGACAGATGGTCCAGGATCGTGTTCATTCACTTTT
TCTCTTTCAACTTAGTTTACTGGCTGTACTATGTTAAC
ACGGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC
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Protein Sequence:	<p>>Peptide sequence encoded by RC201993 Blue=ORF Red=Cloning site Green=Tag(s)</p> <p>MWGLAGGRLFGIFSAVPLVAVVCCAQSVNDPGNMSFVKETVDKLLKGYDIRLRPDFGGPPVCVGMNIDI ASIDMVSEVNMDYTLTMYFQQYWRDKRLAYSIGIPLNLTLDNRVADQLWVPDITYFLNDKKSFVHGVTVKN RMIRLHPDGTVL YGLRITTTAACMMDLRRYPLDEQNCTLEIESYGYTTDDIEFYWRGGDKAVTGVERIE LPQFSIVEHRLVSRNVVFATGAYPRLSLSFRLKRNIGYFILQTYMPSILITILSWVSFWINYDASAARV ALGITTVLTMTTINTHLRETLPKIPYVKAIDMYLMGCFVFLALLEYAFVNYIFFGRGPQRQKLAEK TAKAKNDRSKSESNRVD AHGNILLTSLVHNEMNEVSGGIGDTRNSAISFDNSGIQYRKQSMPEGHGR FLGDRSLPHKKTHLRRRSSQLKIKIPDLTDVNAIDRWSRIVFPFTSLFNLVYWLYYVN TRTRPLEQKLI SEEDLAANDILDYKDDDDKV</p>
Species:	Human
Serotype:	AAV-2
ACCN:	NM_000814
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_000814.4</u>
RefSeq Size:	5811 bp
RefSeq ORF:	1422 bp
Locus ID:	2562
UniProt ID:	<u>P28472</u>
Cytogenetics:	15q12
MW:	54.1 kDa