

Product datasheet for **RC206300A1V**

Human GABPA (NM_002040) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human GABPA (NM_002040) AAV Particle
Tag:	Myc-DDK
Symbol:	GABPA
Synonyms:	E4TF1-60; E4TF1A; NFT2; NRF2; NRF2A; RCH04A07
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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**ORF Nucleotide
Sequence:**

>RC206300 ORF sequence

Red=Cloning site Blue=ORF Green=Tags(s)

 TTTTGAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

 ATGACTAAAAGAGAAGCAGAGGAGCTGATAGAAATTGAGATTGATGGAACAGAGAAAGCAGAGTGCACAG
AAGAAAGCATTGTAGAACAAACCTACGCGCCAGCTGAATGTGTAGCCAGGCCATAGACATCAATGAACC
AATAGGCAATTTAAAGAACTGCTAGAACCAAGACTACAGTGTTCTTTGGATGCTCATGAAATTTGTCTG
CAAGATATCCAGCTGGATCCAGAACGAAGTTTATTTGACCAAGGAGTAAAAACAGATGGAAGTGTACAGC
TTAGTGTACAGGTAATTTCTTACCAAGGAATTGAACCAAGTTAAACATCCTTGAAATTTGTTAAACCTGC
GGACACTGTTGAGGTTGTTATTGATCCAGATGCCACCATGCTGAATCAGAAGCACATCTTGTGAAGAA
GCTCAAGTGATAACTCTTGATGGCACAAAACACATCACAACCATTTGAGATGAACTTCAGAACAAAGTGA
CAAGATGGGCTGCTGACTGGAAGGCTATAGGAAAGAACAAGAAGCCTTGGGATACCCTATGATCCCAT
ACAGTGGTCCACAGACCAAGTCTGCATTGGGTGGTTTGGGTAAATGAAGGAATTCAGCATGACCGATATA
GACCTCACCACACTCAACATTTGCGGGAGAGAATTATGTAGTCTCAACCAAGAAGATTTTTTTCAGCGGG
TTCTCGGGGAGAAATTTCTCTGGAGTCATCTGGAACCTCTCCGAAAATATGTATTGGCAAGTCAAGAACA
ACAGATGAATGAAATAGTTACAATTGATCAACCTGTGCAAATTATTCAGCATCAGTGAATCTGCTACA
CCTACTACCATTAAGTTATAAATAGTAGTGCGAAAGCAGCCAAAGTACAAAGAGCGCCGAGGATTTTCAG
GAGAAGATAGAAGCTCACCTGGGAACAGAACAGGAAACAATGGCCAAATCCAACATATGGCAGTTTTTGCT
AGAAGTCTTACTGATAAGGACGCTCGAGACTGCATTTCTTGGGTTGGTGATGAAGGTGAATTTAAGCTA
AATCAGCCTGAAGTGGTGCACAGAAATGGGGACAGCGTAAAAATAAGCCTACGATGAAGTATGAGAAAC
TCAGTCGTGCATTAAGATATTATTACGATGGGACATGATTTGTAAAGTTCAAGGCAAGAGATTTGTGTA
CAAGTTTGTCTGTGACTTGAAGACTCTTATTGGATACAGTGCAGCGGAGTTGAACCGTTTGGTTCACAGAA
TGTGAACAGAAGAACTTGCAAAGATGCAGCTCCATGGAATTGCCAGCCAGTCACAGCAGTAGCTCTGT
CTACTGCTTCTGCAAACGGAAGGATAAT

 ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC206300 protein sequence

Red=Cloning site Green=Tags(s)

 MTKREAEEELIEIEIDGTEKAECTEESIVEQTYAPAECVSQAIDINEPIGNLKKLLEPRLQCSDAHEICL
QDIQLDPERSLFDQGVKTDGTVQLSVQVISYQGIEPKLNILEIVKPADTVEVVIDPDHAHAESEHLVEE
AQVITLDGTHITTISDETSEQVTRWAAALEGYRKEQERLGIPYDPIQWSTDQVLHWVWVMKEFSMTDI
DLTTLNISGRELCSLNQEDFFQVRPRGEILWSHLELLRKYVLASQEQQMNEIVTIDQPVQIIPASVQSAT
PTTIKVINSSAKAAKVQRAPRISGEDRSSPGNRTGNNQIQLWQFLLELLTDKDARDCISWVGDEGEFKL
NQPELVAQKWGQRKNKPTMNYEKLRLRYYYDGMICKVQGRFVYKFVCDLKLIGYSAAELNRLVTE
CEQKKLAKMQLHGIAQPVTAVALSTASLQTEKDN

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:

AAV-2

ACCN:

NM_002040

ORF Size:

1362 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_002040.2</u>
RefSeq Size:	5182 bp
RefSeq ORF:	1365 bp
Locus ID:	2551
UniProt ID:	<u>Q06546</u>
Cytogenetics:	21q21.3
MW:	51.3 kDa