

Product datasheet for **RC204232A1V**

Human **BTN2A2 (NM_006995)** AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human BTN2A2 (NM_006995) AAV Particle
Tag:	Myc-DDK
Symbol:	BTN2A2
Synonyms:	BT2.2; BTF2; BTN2.2
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC204232 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCCGCATCGCC

ATGGAACCAGCTGCTGCTCTGCACTTCTCCCTGCCAGCCTCCCTCCTCCTCCTGCTCCTCCTCTTC
 TCAGCCTGTGTGCACTGGTCTCAGCCCAGTTTACTGTCTGTTGGGGCCAGCTAATCCCATCCTGGCCATGGT
 GGGAGAAAACTACATTACGCTGCCATCTGTACCCGAGAAAAATGCTGAGGACATGGAGGTGCGGTGG
 TTCCGGTCTCAGTTCTCCCCGCACTGTTTGTGTATAAGGGTGGGAGAGAGAGAACAGAGGAGCAGATGG
 AGGAGTACCGGGGAAGAATCACCTTTGTGAGCAAGACATCAACAGGGGAGCGTGGCCCTGGTCATACA
 TAACGTCACAGCCCAGGAGAATGGGATCTACCGCTGTTACTTCCAAGAAGGCAGGTCTACGATGAGGCC
 ATCCTACGCTCGTGGTGGCAGGCCCTGGGTCTAAGCCCTCATTGAAATCAAGGCCAAGAGGATGGGA
 GCATCTGGCTGGAGTGCATATCTGGAGGTGGTACCCAGAGCCCCTCACAGTGTGGAGGGACCCCTACGG
 TGAGGTTGTGCCCGCCCTGAAGGAGTTTCCATCGCTGATGCTGACGGCCTCTTCATGGTCACCACAGCT
 GTGATCATCAGAGACAAGTATGTGAGGAATGTGCTCCTGCTCTGTCAACAACACCCCTGCTCGGCCAGGAGA
 AGGAACTGTCAATTTTATTCCAGAATCCTTTATGCCAGCGCATCTCCCTGGATGGTGGCCCTAGCTGT
 CATCCTGACCGCATCTCCCTGGATGGTGTCCATGACTGTCTCCTGGCTGTTTTCATCATCTTATGGCT
 GTCAGCATCTGTTGCATCAAGAACTTCAAAGGAAAAAAGATTCTGTGAGGGGAAAAGAAAGTTGAAC
 AAGAGGAAAAAGAAATTCACAGCAACTTCAAGAAGATTGCGATGGAGAAGAACATTCTTACATGCTGC
 TGATGTGGTCTGGATCCAGACACCGCTCATCCCGAGCTCTTCTGTGAGGACCGGAGAAGTGTGAGG
 CGGGGCCCTACAGGCAGAGAGTGCCTGACAACCCAGAGAGATTGACAGTCAGCCTTGTGTCTGGGAT
 GGGAGAGCTTCGCTCAGGGAACATTACTGGAGGTGGAGGTGGAACAGTGTGGTGTGAGTGTGGG
 GGTCTGCAGACAGTGTGAGAGGAAAGGGGAGGTCTGCTGATTCTCAGAATGGCTTCTGGACCTG
 GAGATGTTTGAACCAATACCGGCCCTGTCTCCCTGAGAGGATTCTCCCTTGAAGGAGTCCCTTT
 GCCGGTGGGCGTCTTCTGGACTATGAAGCTGGAGATGTCTCTTCTACAACATGAGGGACAGATCGCA
 CATCTACACATGTCCCGTTTACGCTTTACTGTGCTGTGAGGCCCTTCTCAGGTTAGGGTCTGATGAC
 AGCCCCATCTTCTGCTGCTGCACTCACAGGAGCCAGTGGGTGCTGAGGAGGCTGAAAC
 TTCACAGAGTGGGACCCACCAGAGCCTA

ACGCGTACGCGGCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC204232 protein sequence
 Red=Cloning site Green=Tags(s)

MEPAALHFSLPASLLLLLLLLLLLLSLCALVSAQFTVVGPNPILAMVGENTTLRCHLSPEKNAEDMEVRW
 FRSQFSPAVFVYKGGRETEREQMEEYRGRITFVSKDINRGVALVIHNVTAQENGIYRCYFQEGRSYDEA
 ILRLVAGLGSKPLIEIKAQEDGSIWLECSGGWYPEPLTVWRDPYGEVVPALKEYSIADADGLFMVTTA
 VIIRDKYVRNVSCSVNNTLLGQEKETVIFIPESFMPSASPWMVALAVILTASPWMVSMVTILAVFIIFMA
 VSICCIKKLQREKKILSGEKKVEQEEKEIAQQLQEELRWRRTFLHAADVVLDPDTAHPFLFLSEDRRSVR
 RGPYRQRPVDPNPERFDSQPCVLGWESFASGKHYWEVEVENVMVWTVGVCRRHSVERKGEVLLIPQNGFWTL
 EMFGNQYRALSSPERILPLKESLCRVGVFLDYEAGDVSYFNMRDRSHIYTCPRSAFTVPVRPFRLGSD
 SPIFICPALTGASGVMVPEEGLKLHRVGHQSL

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:

AAV-2

ACCN:

NM_006995

ORF Size:

1569 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_006995.3</u>
RefSeq Size:	3602 bp
RefSeq ORF:	1572 bp
Locus ID:	10385
UniProt ID:	<u>Q8WVV5</u>
Cytogenetics:	6p22.2
MW:	59.1 kDa