

Product datasheet for **RC223852A1V**

Human **BTN1A1** (NM_001732) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human BTN1A1 (NM_001732) AAV Particle
Tag:	Myc-DDK
Symbol:	BTN1A1
Synonyms:	BT; BTN; BTN1
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC223852 representing NM_001732
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGCAGTTTTCCCAAGCTCCGGTCTCCCCAGATGTCTGCTCACCTCATTCTCCTCCAGCTGCCAAAC
 TGGATTACGCTCCCTTTGACGTATTGGACCCCGGAGCCCATCTGGCCGTTGTGGGTGAGGACGCCGA
 GCTGCCCTGTCGCTGTCCCGAACGCGAGCGCCGAGCACTTGGAGCTACGCTGGTCCGAAAGAAGTT
 TCGCCGGCCGTGCTGGTGCATAGGGACGGGCGCGAGCAGGAAGCCGAGCAGATGCCCGAGTACCGCGGC
 GGGCGACGCTGGTCCAGGACGGCATCGCCAAGGGGCGCGTGGCCTTGAGGATCCGTGGCGTCAGAGTCTC
 TGACGACGGGGAGTACACGTGCTTTTCAGGGAGGATGGAAGCTACGAAGAAGCCCTGGTGCATCTGAAG
 GTGGCTGCTCTGGGCTCTGACCCTCACATCAGTATGCAAGTTCAAGAGAATGGAGAAATCTGTCTGGAGT
 GCACCTCAGTGGGATGGTACCCAGAGCCCCAGGTGCAGTGAGAACTTCAAGGGAGAGAAGTTTCCATC
 TACATCAGAGTCCAGGAATCCTGATGAAGAAGTTTGTCACTGTGGCTGCTTCAGTGATCATCAGAGAC
 ACTTCTACGAAAATGTGTCCTGCTACATCCAGAATCTCCTTCTTGGACAGGAGAAGAAAGTAGAAATAT
 CCATACCAGCTTCTCCTCCCTCCCAAGGCTGACTCCCTGGATAGTGGCTGTGGCTGTCTATCTGATGTTCT
 AGGACTTCTCACCATTGGGTCCATATTTTTCACTTGGAGACTATACAACGAAAGACCCAGAGAGAGGAGG
 AATGAATTCAGCTCTAAAGAGAGACTCCTGGAAGAACTCAAATGGAAAAAGGCTACCTTGCATGCAGTTG
 ATGTGACTCTGGACCCAGACACAGCTCATCCCCACCTCTTTCTTTATGAGGATTCAAAATCTGTTGACT
 GGAAGATTCACGTGAGAACTGCCTGAGAAAACAGAGAGATTTGACTCCTGGCCCTGTGTGTTGGGCCGT
 GAGACCTTCACCTCAGGAAGGCATTACTGGGAGGTGGAGGTGGGAGACAGGACTGACTGGGCAATCGGCG
 TGTGTAGGGAGAATGTGATGAAGAAAGGATTTGACCCATGACTCCTGAGAATGGGTTCTGGGCTGTAGA
 GTTGATGGAAATGGGTACTGGGCCCTCACTCCTCTCCGACCCCTCTCCATTGGCAGGGCCCCACGC
 CGGGTTGGGATTTTCTAGACTATGAATCAGGAGACATCTCCTTCTACAACATGAATGATGGATCTGATA
 TCTATACTTTCTCCAATGTCACTTTCTGCCCCCTCCGGCCCTTCTTTTGCCTATGGTCTAGCGGTAA
 AAAGCCCTGACCATCTGCCAATTGCTGATGGCCCTGAGAGGGTCACAGTCATTGCTAATGCCAGGAC
 CTTTCTAAGGAGATCCCATGTCCCCATGGGGAGGAGTCTGCCCTAGGGATGCAGACACTCTCCATT
 CTAAGCTAATCCCTACCAACCCAGCCAAGGGGCACCT

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCTGAAGAGGATCTGGCAGCAAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

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MAVFPSSGLPRCLLTLILLQLPKLDSAPFDVIGPPEPILAVVGEDAELPCRLSPNASAEHLELRWFRKKV
 SPAVLVHRDGREQAEQMPEYRGRATLVQDGIAGRVALRIRGVRVSDDEYTCFFREDGSYEEALVHLK
 VAALGSDPHISMQVQENGEICLECTSVGWYEPQVQWRTSKGEKFPSTSESRNPDEEGLFTVAASVIIRD
 TSTKNVSCYIQNLLLGQEKKEISIPASSLPRLTPWIVAVAVILMVLGLLTIGSIFFTWRLYNERPRERR
 NEFSSKERLLEELKWKATLHAVDVTLDPDTHPHLFLYEDSKSVRLEDSRQKLEKTERFDSWPCVLGR
 ETFTSGRHYWEVEVGDRDWAIGVCRENVMKGFDPMPENGFWAVEYNGYWALTPLRTPPLAGPPR
 RVGIFLDYESGDISFYNMNDGSDIYTFSNVTFSGPLRPFFCLWSSGKKPLTICPIADGPERVTVIANAQD
 LSKEIPLSPMGEEAPRDADTLHSLIPTQPSQAP

TRTRPLE**QKL**ISEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:

AAV-2

ACCN:

NM_001732

ORF Size:

1578 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_001732.1, NP_001723.1</u>
RefSeq Size:	2901 bp
RefSeq ORF:	1581 bp
Locus ID:	696
UniProt ID:	<u>Q13410</u>
Cytogenetics:	6p22.2
MW:	58.8 kDa