

Product datasheet for **MR208410A1V**

Mouse Btn1a1 (NM_013483) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Mouse Btn1a1 (NM_013483) AAV Particle
Tag:	Myc-DDK
Symbol:	Btn1a1
Synonyms:	Btn
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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**ORF Nucleotide
Sequence:**

>MR208410 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGCAGTTCCCAACCACTCCTGCCTCCTGGTCTGTCTGCTCACCTCACTGTCTACAGCTGCCACGC
 TGGATTCGGCTCCCTTCGATGTGACCGACCTCAGGAGCCAGTGTGGCCCTAGTGGGCTCAGATGCCGA
 GCTGACCTGTGGCTTTTCCCAACCGCAGCTCAGAATACATGGAGCTGCTGTGGTTTCGACAGACGAGG
 TCGACAGCGGTACTTCTATACCGGGATGGCCAGGAGCAGGAGGGCCAGCAGATGACGGAGTACCGCGGA
 GGGCGACGCTGGCGACAGCCGGGCTTCTAGACGGCCGCTACTCTGCTGATCCGAGATGTCAGGGTCTC
 AGACCAGGGGAGTACCGGTGCCTTTTCAAAGACAACGACGACTTCGAGGAGGCCCGGTATACCTCAA
 GTGGCTGCTGTGGTTTCAGATCCTCAAATCAGTATGACGGTTCAAGAGAATGGAGAAATGGAGCTGGAGT
 GCACCTCCTCTGGATGTTACCCAGAGCCTCAGGTGCAGTGAGAACAGGCAACAGAGAGATGCTACCATC
 CACGTCAGAGTCCAAGAAGCATAATGAGGAAGGCCTGTCTACTGTGGCAGTTTCAATGATGATCAGAGAC
 AGCTCCATAAAGAATGTCCTGCTGCATCCAGAATATCCTCCTTGGCCAGGGGAAGGAAGTAGAGATCT
 CCTTACCAGCTCCCTTCGTGCCAAGGCTGACTCCCTGGATAGTAGCTGTGGCTATCATCTTACTGGCCTT
 AGGATTCTCACCATTGGGTCCATATTTTCACTTGGAACTATACAAGGAAAGATCCAGTCTGCGGAAG
 AAGGAATTTGGCTCTAAAGAGAGACTTCTGGAAGAACTCAGATGCAAAAAGACTGTACTGCATGAAGTTG
 ACGTGACTCTGGATCCAGACACAGCCACCCACCTCTTCTGTATGAAGATTCAAAGTCAGTTCGATT
 GGAAGATTCACGTCAGATCCTGCCTGATAGACCAGAGAGATTTGACTCCTGGCCCTGTGTGTGGCCGT
 GAGACCTTTACTTCAGGGAGACATTACTGGGAGGTGGAGGTGGAGATAGAACTGACTGGGCCATTGGTG
 TGTGTAGGGAGAATGTGGTGAAGAAAGGTTTGACCCCATGACTCCTGATAATGGTTCTGGGCTGTGGA
 GTTGATGGAAATGGGTACTGGGCCCTCACCCACTCAGGACCTCTCTCCGATTAGCAGGGCCCCCTCGC
 AGAGTTGGGGTTTTCTGGACTATGACGCAGGAGACATTTCTTCTACAACATGAGTAACGGATCTCTTA
 TCTATACTTTCCCTAGCATCTCTTCTGCCCCCTCCGTCCCTTCTTTGTCTGTGGTCTGTGGTAA
 AAAGCCCTGACCATCTGTTCAACTGCCAATGGCCTGAGAAAGTCACAGTCATTGCTAATGTCCAGGAC
 GACATTCCTTGTCCCGCTGGGGGAAGGCTGTACTTCTGGAGACAAAGACACTCTCCATTCTAACTGA
 TCCCGTTCTCACCTAGCCAAGCGGCACCA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>MR208410 protein sequence
 Red=Cloning site Green=Tags(s)

MAVPTNSCLLVCLLTLTVLQLPTLDSAPFDVTAPQEPVLALVGSDAELTCGFSPNASSEYMELLWFRQTR
 STAVLLYRDGQEQEQQMTEYRGRATLATAGLLDGRATLLIRDVRVSDQGEYRCLFKDNDFFEEAAVYLK
 VAAVGSDPQISMTVQENGEMELECTSSGWYPEPQVQWRTGNREMLPSTSESKKHNEEGLFTVAVSMMIRD
 SSIKNMSCCIQNILLGQKEVEISLPAPFVPRLTPWIVAVAIILLALGFLTIGSIFFTWKLYKERSLRK
 KEFGSKERLLEELRCKKTVLHEVDVTLDPDPAHPLFLYEDSKSVRLDSRQILPDRPERFDSWPCVLGR
 ETFTSGRHYWEVEVGDRDWAIGVCRENVVKKGFDPMTPDNGFWAVELYNGYWALTPLRSLRLAGPPR
 RVGVFLDYDAGDISFYNMSNGSLIYTFPSISFSGPLRPFFCLWSCGKKPLTICSTANGPEKVTIVIANVQD
 DIPLSPLGEGCTSGDKDTLHSLIPFSPSQAAP

TRTRPLE**QKL**ISEEDLAANDILDYKDDDDKV

Species:

Mouse

Serotype:

AAV-2

ACCN:

NM_013483

ORF Size:

1572 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_013483.2, NP_038511.1</u>
RefSeq Size:	3454 bp
RefSeq ORF:	1575 bp
Locus ID:	12231
UniProt ID:	<u>Q62556</u>
Cytogenetics:	13 9.72 cM
MW:	58.3 kDa