

Product datasheet for **RC203643A1V**

Human beta Actin (ACTB) (NM_001101) AAV Particle

Product data:

Product Type: AAV Particles
Product Name: Human beta Actin (ACTB) (NM_001101) AAV Particle
Tag: Myc-DDK
Symbol: beta Actin
Synonyms: BRWS1; PS1TP5BP1
Mammalian Cell Selection: None
Vector: pAAV-AC-Myc-DDK (PS100089)
ORF Nucleotide Sequence: >RC203643 representing NM_001101
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGGATGATGATCGCCGCGCTCGTCGTCGACAACGGCTCCGGCATGTGCAAGGCCGGCTTCGCGGGCG
ACGATGCCCGGGGCGCTTCCCTCCATCGTGGGGCGCCAGGCACCAGGGCGTGATGGTGGGCAT
GGGTGAGAAGGATTCCTATGTGGGCGACGAGGCCAGAGCAAGAGAGGCATCCTCACCTGAAGTACCC
ATCGAGCACGGCATCGTCACTGAGGACGACATGGAGAAAACTGGCACCACACCTTCAATGAGC
TGGGTGGCTCCCGAGGAGCACCCCGTGTGCTGACCGAGGCCCGCTGAACCCCAAGGCCAACCGCGA
GAAGATGACCCAGATCATGTTTGAGACCTTCAACACCCAGCCATGTACGTTGCTATCCAGGCTGTGCTA
TCCCTGTACGCCCTGGCCGTACCACTGGCATCGTGACTCCGGTGACGGGGTACCCACACTGTGC
CCATCTACGAGGGTATGCCCTCCCCATGCCATCCTGCGTCTGGACCTGGTGGCCGGGACCTGACTGA
CTACCTCATGAAGATCCTCACCGAGCGCGGCTACAGCTTACCACCACGGCCGAGCGGAAATCGTGCCT
GACATTAAGGAGAAGCTGTGCTACGTCGCCCTGGACTTCGAGCAAGAGATGGCCACGGCTGCTTCCAGCT
CCTCCCTGGAGAAGACTACGAGCTGCCTGACGCCAGGTCATCACCATTGGCAATGAGCGGTTCCGCTG
CCCTGAGGCACTTCCAGCCTCCTTCTGGCATGGAGTCTGTGGCATCCACGAAACTACCTCAAC
TCCATCATGAAGTGTGACGTGGACATCCGAAAGACCTGTACGCCAACACAGTGTCTGGCGGCCA
CCATGTACCCTGGCATTGCCGACAGGATGCAGAAGGAGATCACTGCCCTGGCACCAGCACAATGAAGAT
CAAGATCATTGCTCCTCTGAGCGCAAGTACTCCGTGTGGATCGCGGGCTCCATCCTGGCCTCGCTGTCC
ACCTTCCAGCAGATGTGGATCAGCAAGCAGGAGTATGACGAGTCCGGCCCTCCATCGTCCACCGCAAA
TCTTC

ACGGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



Protein Sequence:	<p>>RC203643 representing NM_001101 Red=Cloning site Green=Tags(s)</p> <p>MDDDIAALVVDNGSGMCKAGFAGDDAPRAVFPISIVGRPRHQGVMVGMGQKDSYVGDEAQSKRGILTLKYP IEHGIVTNWDDMEKIWHHTFYNELRVAPPEHPVLLTEAPLNPKANREKMTQIMFETFNTPAMYVAIQAVL SLYASGRTTGI VMDSGDGVTHTVPIYEGYALPHAILRLDLAGRDLTDYLMKILTERGYSFTTTAEREIVR DIKEKLCYVALDFEQEMATAAASSSSLEKSYELPDGQVITIGNERFRCPEALFQPSFLGMESCGLIHTTFN SIMKCDVDIRKDL YANTVLSGGTTMYPGIADRMQKEITALAPSTMKIKIIAPPERKYSVWIGGSILASLS TFQQMWISKQEYDESGPSIVHRKCF</p> <p>TRTRPLEQKLI SEEDLAANDILDYKDDDDKV</p>
Species:	Human
Serotype:	AAV-2
ACCN:	NM_001101
ORF Size:	1125 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_001101.2</u>
RefSeq Size:	1793 bp
RefSeq ORF:	1128 bp
Locus ID:	60
UniProt ID:	<u>P60709</u>
Cytogenetics:	7p22.1
MW:	41.6 kDa