

Product datasheet for **RC200625A1V**

Human BCAT2 (NM_001190) AAV Particle

Product data:

Product Type: AAV Particles
 Product Name: Human BCAT2 (NM_001190) AAV Particle
 Tag: Myc-DDK
 Symbol: BCAT2
 Synonyms: BCAM; BCATM; BCT2; HVLI; PP18
 Mammalian Cell Selection: None
 Vector: pAAV-AC-Myc-DDK (PS100089)
 ORF Nucleotide Sequence: >RC200625 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGCC**

ATGGCCGAGCCGCTCTGGGCGAGATCTGGGCACGAAAGCTTCTCTGTCCCTGGCTTCTGTGTGGTC
 CCAGAAGATATGCCTCCTCCAGTTTCAAGGCTGCAGACCTGCAGCTGGAAATGACACAGAAGCCCTCATAA
 GAAGCCTGGCCCCGGCGAGCCCTGGTGTGGGAAGACATTTACCGACCACATGCTGATGGTGGAAATGG
 AATGACAAGGGCTGGGGCCAGCCCCGAATCCAGCCCTTCCAGAACCTCACGCTGCACCCAGCCTCCTCCA
 GCCTCCACTACTCCCTGCAGCTGTTTGGGGCATGAAGGCGTTCAAAGGCAAAGACCAGCAGGTGCGCCT
 CTTCCGCCCCTGGCTCAACATGGACCGGATGCTGCGCTCAGCCATGCGCCTGTGCTGCCGAGTTTCGAC
 AAGCTGGAGTTGCTGGAGTGCATCCGCCGGCTCATCGAAGTGGACAAGGACTGGGTCCCCGATGCCGCCG
 GCACCAGCCTCTATGTGCGCCCTGTGCTCATTGGGAACGAGCCCTCGCTGGGTGTGAGCCAGCCACGCG
 CGCGCTCCTGTTGCTATTCTCTGCCAGTGGGTGCCTACTTCCCTGGAGGCTCCGTGACCCCGGTCTCC
 CTCTGGCCGACCCAGCCTTCCATCCGGGCTGGGTGGGCGGGTGGCAACTACAAGTTAGGTGGGAATT
 ATGGGCCACCGTGTAGTGCAACAGGAGGCACTCAAGCGGGCTGTGAACAGGTCCTCTGGCTGTATGG
 GCCCGACCACAGCTCACCGAGGTGGGAACCATGAACATCTTTGTCTACTGGACCACGAAGATGGGGTG
 CTGGAGCTGGTGACGCCCCGCTGAATGGTGTATCCTGCCTGGAGTGGTCAGACAGAGTCTACTGGACA
 TGGCTCAGACCTGGGGTGGAGTTCGGGTGGTGGAGCGCAGATACCATGAAGCAGTTGCTGCGGGCCCT
 GGAGGAGGGCCGCTGCGGGAAGTCTTTGGCTCGGGCACCCTTGCAGGTCTGCCAGTGCACCGAATC
 CTGTACAAAGACAGGAACCTCCACATCCCACCATGGAAAATGGGCTGAGCTGATCCTCCGCTTCCAGA
 AGGAGCTGAAGGAGATCCAGTACGGAATCAGAGCCACGAGTGGATGTTCCCGGTG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence:	<p>>RC200625 protein sequence Red=Cloning site Green=Tags(s)</p> <p>MAAAALGQIWARKLLSVPWLLCGPRRYASSSFKAADLQLEMTQKPHKKPGPEPLVFGKTFDTHMLMVEW NDKGWGQPRIQPFQNLTLHPASSSLHYSLQLFEGMKAFKGDQQVRLFRPWLNMDRMLRSAMRLCLPSFD KLELLECIIRRLIEVDKDWVDAAGTSLYVRPVLIGNEPSLGVSQPTRALLFVILCPVGAYFPGGSVTPVS LLADPAFIRAWVGGVGNKLGNYGPTLVQQEALKRGCEQVLWLYGPDHQLTEVGTMNI FVYWTHEDGV LELVTPPLNGVILPGVVRQSLDMAQTWGEFRVVERTITMKQLLRALLEEGRVREVFSGTACQVCPVHRI LYKDRNLHIPTMENGPELILRFQKELKEIQYGIRAHWMFPV</p> <p>TRTRPLEQKLI SEEDLAANDILDYKDDDDKV</p>
Species:	Human
Serotype:	AAV-2
ACCN:	NM_001190
ORF Size:	1176 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:	NM_001190.2
RefSeq Size:	1616 bp
RefSeq ORF:	1179 bp
Locus ID:	587
UniProt ID:	O15382
Cytogenetics:	19q13.33
MW:	44.3 kDa