

Product datasheet for **RC207504A1V**

Human BBS7 (NM_018190) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human BBS7 (NM_018190) AAV Particle
Tag:	Myc-DDK
Symbol:	BBS7
Synonyms:	BBS2L1
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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**ORF Nucleotide
Sequence:**

>RC207504 ORF sequence

Red=Cloning site Blue=ORF Green=Tags(s)

 TTTTGAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGATCTGATTTTAAACCGAATGGATTATCTGCAGGTGGGAGTAACATCTCAGAAGACTATGAAGCTAA
 TTCCTGCCTCAAGACACAGAGCTACACAAAAGGTGGTTATTGGAGATCATGATGGGGTAGTTATGTGCTT
 TGGCATGAAGAAAGGAGAAGCAGCAGCAGTGTTCAAGACTTTACCCGGGCCGAAGATTGCAAGGCTGGAA
 CTGGGAGGGGTTATCAACACACCTCAGGAGAAAATTTTATTGCTGCAGCATCTGAGATTAGAGGCTTCA
 CAAAAAGAGGAAAACAGTTCCTCTCCTTTGAAACAAACCTCACTGAAAGCATTAAAGCTATGCACATATC
 TGGCTCAGACCTCTTCTCAGTGCAAGTTACATCTATAACCATTTATTGTACTGCAAAGACCAACATTAT
 TACCTTTCTGGGGATAAAATCAATGATGTGATCTGCCTCCAGTGGAAGATTATCTCGTATCACACCTG
 TATTGGCTGCCAGGACAGAGTGCTCAGAGTTTACAGGGATCTGATGTGATGTATGCAGTTGAAGTTCC
 TGGACCCCTACTGTCTTAGCACTACACAATGGAAATGGCGGTGACTCTGGAGAAGACCTTTTGTGGG
 ACATCAGACGGAATCTGCGCTTATACAGATTACTACATCCAAACAGTACGCAAGTGGGAAATTCAAA
 ATGAGAAAAAGAGAGGAGGTATTTGTGTATTGACAGCTTTGACATTGTGGGTGATGGGGTTAAAGATT
 ACTTGTGGGAGAGATGACGGAATGGTGAAGTGTATAGTTTGTATAATGCAAATGAACCTGTTCTACGA
 TTTGATCAGATGTTGTCTGAAAGCGTCACATCTATCCAGGGTGGTTGTGTAGGAAAAGACAGCTATGATG
 AAATCGTGGTGTCCACATATTAGGCTGGGTACAGGTCTGACAACAGAGCCATTTCATAAGGAAAGTGG
 ACCAGGAGAAGAACTAAAAATTAATCAGGAGATGCAGAATAAAATTTCTTCTTACGGAATGAGTTGGAA
 CATTTCAGTATAAGGTATTGCAGGAAAGAGAGAATTATCAACAGTCTTCTCAATCAAGCAAAGCAAAAT
 CAGCAGTACCTTCCTTTGGTATAAATGATAAATTTACACTAAATAAGATGATGCCAGTTACAGCCTTAT
 CTTAGAGGTACAGACTGCAATAGATAATGTCTTAATACAGAGTGATGTTCCAATAGATTTACTTGATGTG
 GATAAAATTTCTGCTGTTGTTAGCTTTAGCAGCTGTGATTCTGAGTCAAACGACAACCTTCCTTCTTGCCA
 CTTATCGGTGCCAGGCAGATACTACAAGCTGGAACCTCAAGATTCGCTCAATTGAAGGCCAGTATGGCAC
 ACTACAAGCATATGTGACTCCAAGAATTAACCCAAAACCTGTCAGGTCCGCCAGTACCACATCAAACCT
 CTTTCACTCCATCAAAGAACTCACTTTATTGATCATGACAGACCCATGAATACACTGACCCTAACAGGCC
 AGTTCAGTTTTGCTGAAGTTCACTCCTGGGTGGTTTTTGTCTGCCTGAAGTTCCAGAAAAACCTCCAGC
 AGGAGAATGTGTGACATTTTACTTTCAGAACACCTTTCTAGATACACAACCTGAAAGTACCTACAGAAAA
 GGAGAGGGAGTTTTTAAATCTGACAACATTTCTACTATCTCCATCCTAAAAGATGTGCTTTCTAAAGAAG
 CTACAAAAAGGAAAATTAACCTCAACATATCATACGAGATAAATGAAGTATCAGTCAAACACACTTTAAA
 GCTAATCCACCCAAAGCTGGAGTACCAGTTGCTTTTGGCTAAGAAAGTGCAAGTAAATGTGCTTTAAAA
 GAATTACAGATTCATGAGGAAATACGAACTTTCTGATACCAGAATATCACTGTATTCTAGAAGAGGCAG
 ATCACCTACAGGAAGAATACAAAAGCAACCTGCACATCTTGAAAGACTCTATGGT

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:	>RC207504 protein sequence Red=Cloning site Green=Tags(s) MDLILNRMDYLQVGVTSSQKTMKLI PASRHRTQKV VIGDHDGVVMCFGMKKGEAAVFKTLPGPKIARLE LGGVINTPQEKIFIAAASEIRGFTKRGKQFLSFETNLTESIKAMHISGSDLFLSASYIYNHYCDCKDQHY YLSGDKINDVICLPVERLSRITPVLACQDRVLRVLQGS DVMYAVEVPGPPTVLALHNGNGGDSGEDLLFG TSDGKLALIQTTSKPVRKWEIQNEKKRGGILCIDSFDIVGDGVKDLLVGRDDGMVEVYSFDNANEPVLR FDQMLSESVTSIQGGCVGKDSYDEIVVSTYSGWVTGLTTEPIHKESGPG EELKINQEMQNKISSLRNELE HLQYKVLQERENYQSSQSSKAKSAVPSFGINDKFTLNKDDASYSLILEVQTAIDNVL IQSDVPIDLLDV DKNSAVVSFSSCDSNDNLLATYRCQADTTRELEKIRSI EGQYGT LQAYVTPRIQPKTCQVRQYHIKP LSLHQRTHFIDHDPMTLTLTGQFSFAEVHSWVVFCLPEVPEKPPAGECVTFYFQNTFLDTQLESTYRK GEGVFKSDNISTISILKDVLSKEATKRKINLNISYEINEVSVKHTLKL IHPKLEYQLLLAKKVQLIDALK ELQIHEGNTNFLIPEYHCILEEADHLQE EYKKQPAHLERLYG TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_018190
ORF Size:	2016 bp
Buffer:	PBS with 0.001% Pluronic F6076
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_018190.2</u>
RefSeq Size:	2625 bp
RefSeq ORF:	2019 bp
Locus ID:	55212
UniProt ID:	<u>Q8IWZ6</u>
Cytogenetics:	4q27
MW:	75.4 kDa