

Product datasheet for **RC224479A1V**

Human BBS7 (NM_176824) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human BBS7 (NM_176824) 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:**

>RC224479 representing NM_176824
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGGATCTGATTTTAAACCGAATGGATTATCTGCAGGTGGGAGTAACATCTCAGAAGACTATGAAGCTAA
 TTCCTGCCTCAAGACACAGAGCTACACAAAAGGTGGTTATTGGAGATCATGATGGGGTAGTTATGTGCTT
 TGGCATGAAGAAAGGAGAAGCAGCAGCAGTGTCAAGACTTTACCCGGGCCGAAGATTGAAGGCTGGAA
 CTGGGAGGGGTTATCAACACACCTCAGGAGAAAATTTTATTGCTGCAGCATCTGAGATTAGAGGCTTCA
 CAAAAAGAGGAAACAGTTCCTCTCCTTTGAAACAAACCTCACTGAAAGCATTAAAGCTATGCACATATC
 TGGCTCAGACCTCTTCTCAGTGCAAGTTACATCTATAACCATTTATTGTACTGCAAAGACCAACATTAT
 TACCTTCTGGGGATAAAATCAATGATGTGATCTGCCTCCAGTGGAAGATTATCTCGTATCACACCTG
 TATTGGCCTGCCAGGACAGAGTCTCAGAGTTTACAGGGATCTGATGTGATGTATGCAGTTGAAGTTCC
 TGGACCCCTACTGTCTTAGCACTACACAATGGAAATGGCGGTGACTCTGGAGAAGACCTTTTGTGGG
 ACATCAGACGGAAAATTCGCGCTTATACAGATTACTACATCCAAACCAGTACGCAAGTGGGAAATTCAAA
 ATGAGAAAAAGAGAGGAGGTATTTGTGTATTGACAGCTTTGACATTGTGGGTGATGGGGTTAAAGATT
 ACTTGTGGGAGAGATGACGGAATGGTGAAGTGTATAGTTTGTATAATGCAAATGAACCTGTTCTACGA
 TTTGATCAGATGTTGTCTGAAAGCGTCACATCTATCCAGGGTGGTTGTGTAGGAAAAGACAGCTATGATG
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 CAGCAGTACCTTCCTTTGGTATAAATGATAAATTTACACTAAATAAGATGATGCCAGTTACAGCCTTAT
 CTTAGAGGTACAGACTGCAATAGATAATGTCTTAATACAGAGTGATGTTCCAATAGATTTACTTGATGTG
 GATAAAAAATTCTGCTGTTGTTAGCTTTAGCAGCTGTGATTCTGAGTCAAACGACAACCTCCTTCTTGCCA
 CTTATCGGTGCCAGGCAGATACTACAAGGCTGGAACCTCAAGATTCGCTCAATTGAAGGCCAGTATGGCAC
 ACTACAAGCATATGTGACTCCAAGAATTCAACCCAAAACCTGTCAGGTCCGCCAGTACCACATCAAACCT
 CTTTCACTCCATCAAAGAACTCACTTTATTGATCATGACAGACCCATGAATACACTGACCCTAACAGGCC
 AGTTCAGTTTTGCTGAAGTTCACTCCTGGTGGTTTTTGTCTGCCTGAAGTTCCAGAAAAACCTCCAGC
 AGGAGAATGTGTGACATTTTACTTTCAGAACACCTTTCTAGATACACAACCTGAAAGTACCTACAGAAAA
 GGAGAGGGAGTTTTTAAATCTGACAACATTTCTACTATCTCCATCCTAAAAGATGTGCTTTCTAAAGAAG
 CTACAAAAAGGAAAATTAACCTCAACATATCATACGAGATAAATGAAGTATCAGTCAAACACACTTTAAA
 GCTAATCCACCCAAAGCTGGAGTACCAGTTGCTTTTGGCTAAGAAAGTGCAAGTAAATGTGCTTTAAAA
 GAATTACAGATTCATGAGGAAATACGAACTTTCTGATACCAGAATATCACTGTATTCTAGAAGAGGCAG
 ATCACCTACAGGAAGAATACAAAAAGCAACCTGCACATCTTGAAGAGCTCTATGGCATGATCACTGATCT
 TTTCATAGATAAATTTAAGTTTAAAGGCACCAATGTAAAACTAAAGTACCCCTTCTATTGGAAATTCG
 GACAGTTATGACCAAAATGCATTGATTTCACTCTCGATGCAGCA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:	>RC224479 representing NM_176824 Red=Cloning site Green=Tags(s) MDLILNRMDYLQVGVTSQKTMKLIPASRHRATQKVVIGDHDGVVMCFGMKKGEAAVFKTLPGPKIARLE LGGVINTPQEKIFIAAASEIRGFTKRGKQFLSFETNLTESIKAMHISGSDLFLSASYIYNHYCDCKDQHY YLSGDKINDVICLPVERLSRITPVLACQDRVLRVLQGSVMYAVEVPGPPTVLALHNGNGGDSGEDLLFG TSDGKLALIQTTSKPVRKWEIQNEKKRGGILCIDSFDIVGDGVKDLLVGRDDGMVEVYSFDNANEPVLR FDQMLSESVTSIQGGCVGKDSYDEIVVSTYSGWVTGLTTEPIHKESGPGEEELKINQEMQNKISSLRNELE HLQYKVLQERENYQSSQSSKAKSAVPSFGINDKFTLNKDDASYSLILEVQTAIDNVLIQSDVPIDLLDV DKNSAVVSFSSCDSESNDFLLATYRCQADTTRELEKIRSIQGYGTQAYVTPRIQPKTCQVRQYHIKP LSLHQRTHFIDHDPMTLTLTGQFSFAEVHSWVVFCLPEVPEKPPAGECVTFYFQNTFLDTQLESTYRK GEGVFKSDNISTISILKDVLSKEATKRKINLNISYEINEVSVKHTLKL IHPKLEYQLLLAKKVQLIDALK ELQIHEGNTNFIPEYHCILEEADHLQEEYKKQPAHLERLYGMITDLFIDKFKFGTNNVTKVPLLEIL DSYDQNALISFFDAA TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_176824
ORF Size:	2145 bp
Buffer:	PBS with 0.001% Pluronic F8805
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_176824.1</u>
RefSeq Size:	3718 bp
RefSeq ORF:	2148 bp
Locus ID:	55212
UniProt ID:	<u>Q8IWZ6</u>
Cytogenetics:	4q27
MW:	80.2 kDa