

Product datasheet for **RC230201A1V**

Human BANP (NM_001173542) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human BANP (NM_001173542) AAV Particle
Tag:	Myc-DDK
Symbol:	BANP
Synonyms:	BEND1; SMAR1; SMARBP1
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC230201 representing NM_001173542
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGATGTCGGAACACGACCTGGCCGATGTGGTTTCAGATTGCAGTGAAGACCTGAGCCCTGACCACCCAG
 TTGTTTTGGAGAATCATGTAGTGACAGATGAAGACGAACCTGCTTTGAAACGCCAGCGACTAGAAATCAA
 TTGCCAGGATCCATCTATAAAGTCATTCTGTATTCCATCAACCAGACAATCTGCTTGCGGTTGGATAGC
 ATTGAAGCAAATGCAAGCCCTGGAGGCTACTTGAAATCCTTAGAAGAAAAGCTGGATCTGGTCACGA
 ACAAGCAGCACAGCCCCATCCAGGTCCCATGGTGGCCGGCTCCCCTCTCGGGGCAACCCAGACGTGCAA
 CAAAGTGCATGCGTCGTCGCCAGACTACAGTAATACTCAACAATGATCGGCAGAACGCCATTGTAGCC
 AAGATGGAAGACCCCTTGAGCAACAGGGCACCGGATCCCTGGAAAATGTCATTAGCAACGCTGTGCCTG
 GCGCTCGGCAGAACACCATTGTGGTGAAGGTGCCGGGCAAGAAGACAGCCACCAGGACGGGGAGAG
 CGGCTCGGAGGCCAGCGACTCTGTGTCCAGCTGTGGCAGGCGGGCAGTCAGAGCATCGGGAGCAACGTC
 ACGCTCATCACCTGAACTCGGAAGAGGACTACCCCAATGGCACCTGGCTGGGCGACGAGAAACAACCCCG
 AGATGCGGGTACGCTGCGCCATCATCCCCTCCGACATGCTGCACATCAGCACCACCTGCCGACGGCCGA
 GAAGATGGCGCTCACGCTGCTGGACTACCTCTCCACCGCAGGTGCAGGCTGTGTCCAACCTCTCGGGG
 CAGGGCAAGCAGCGGAAGAAGCAGCTGGACCCGCTCACCATCTACGGCATCCGGTGTACCTTTTCTATA
 AATTTGGCATCACAGAATCCGACTGGTACCGAATCAAGCAGAGCATCGACTCCAAGTGCCGACGGCGTG
 GCGGCGCAAGCAGCGGGCCAGAGCCTGGCGGTCAAGAGCTTCTCGGGAGAACGCCAACTCGTCTCTCC
 TACTGCCCTTCAGAGCCGATGATGAGCACCCACCTCCTGCCAGCGAGCTCCCGCAGCCACAGCCGACG
 CGCAGGCCCTGCATACGCGCTGGCCAACGCACAGCAGGTGCAGATCCACCAGATCGGAGAAGACGGACA
 GGTGCAAGTAATCCACAGGGACACCTCCACATCGCCAGGTGCCGAGGGGGAGCAAGTCCAGATCACG
 CAGGACAGCGAGGGCAACCTCCAGATCCATCACGTGGGCGAGGACGGTCAAGTGTGCAGGGTGCACAGC
 TGATCGCCGTGGCTCTCGGACCCCGCGGCGGGCGTGGATGGGTGCGCCACTCCAGGGCAGCGACAT
 CCAGGTTCAGTACGTGCAGTGGCGCCAGTGAGTGACCACAGGCGGGGCACAGACGGCCGAGCCCTG
 CAGCCACGCTACAGCCGGAGATGCAGCTCGAGCACGGGGCCATCCAGATTAG

ACGCGTACGCGGCGGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC230201 representing NM_001173542
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MMSEHDLADVQIAVEDLSPDHPVLENHVVTDEDEPALKRQRLEINCQDPSIKSFLYSINQTI CLR LDS
 IEAKLQALEATCKSLEEKLDLVTNKQHSPIQVPMVAGSPLGATQTCNKVRCVVPQTIVILNDRQNAIVA
 KMEDPLSNRAPDSLENVISNAVPGRRQNTIVVKVPGQEDSHHEDGESGSEASDSVSSCGQAGSQSIGSNV
 TLITLNSEEDYPNGTWLGDENNPENRVRCAIIPSDMLHISTNCRTAEKMALTL LDYL FHREVQAVSNLSG
 QGKHGKQLDPLTIYGIRCHLFYKFGITESDWYRIKQSIDSKRTAWRRKQRGQSLAVKSF SRPTPNSSS
 YCPSEPMSTPPPASELPQPQPQALHYALANAQQVQIHQIGEDGQVQVIPQGHHLIAQVPQGEVQIT
 QDSEGNLQIHVYQDQVQLQGAQLIAVASSDPAAGVVDGSPLQGSDIQVYVQLAPVSDHTAGAQTAEAL
 QPTLQPEMQLEHGAIQIQ

TRTRPLEQKLI SEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:

AAV-2

ACCN:

NM_001173542

ORF Size:

1524 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_001173542.1</u> , <u>NP_001167013.1</u>
RefSeq ORF:	1527 bp
Locus ID:	54971
UniProt ID:	<u>Q8N9N5</u>
Cytogenetics:	16q24.2
MW:	56 kDa