

Product datasheet for **RC200377A1V**

Human BNIP2 (NM_004330) AAV Particle

Product data:

Product Type:	AAV Particles
Tag:	Myc-DDK
Symbol:	BNIP2
Synonyms:	BNIP-2; NIP2
Mammalian Cell	None
Selection:	
Vector:	pAAV-AC-Myc-DDK (PS100089)

ORF Nucleotide Sequence: >RC200377 ORF sequence
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGCATCGC**

ATGGAAGGTGTGGAACCTAAAGAAGATGGCAAGATGAAGATTTCCGATACCTTTACCAGAAGATGATA
GTATTGAAGCAGATATACTAGCTATACTGGACCAGAGGACCAGCCTGGCTCACTAGAAGTTAATGGAAA
TAAAGTGAGAAAGAACTAATGGCTCCAGACATTAGCCTGACACTGGATCCTAGTGATGGCTCTGTATTG
TCAGATGATTTGGATGAAAGTGGGAGATTGACTTAGATGGCTTAGACACACCGTCAGAGAATAGTAATG
AGTTTGAGTGGGAAGATGATCTTCCAAACCAAGACTACTGAAGTAATTAGGAAAGGCTCAATTACTGA
ATACACAGCAGCAGAGGAAAAAGAAGATGGACGACGCTGGCGTATGTTCAAGATTGGAGAACAGGACCAC
AGGGTTGATATGAAGGCAATTGAACCTATAAAAAAGTTATCAGCCATGGGGGATATTATGGGGATGGAT
TAAATGCCATTGTTGTGTTGCTGTCTGTTTCATGCCTGAAAGTAGTCAGCCTAACTATAGATACCTGAT
GGACAATCTTTTAAATATGTTATTGGCACTTTGGAGCTATTAGTAGCAGAAAACATCATGATGTTTAT
TTAAATGGTGCAACAACCTCGAAGAAAAATGCCAGTCTGGGATGGCTCAGGAAATGTTATCAGCAAATTG
ATAGAAGGTTACGGAAAAATCTAAATCCCTAATCATTGTACATCCTTCTTGGTTTATCAGAACACTTCT
GGCTGTTACAAGACCATTTATTAGCTCGAAATTCAGCCAAAAAATTAGATACGTGTTTAATTTGGCAGAA
CTAGCAGAACTTGCCCATGGAATACGTTGGCATACCAAGATGCATAAAACAAGTTGATCAAGAAGCTTA
ATGGAAAACAAGATGAACCGAAAAATGAACAG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



Protein Sequence:	>RC200377 protein sequence Red=Cloning site Green=Tags(s) MEGVELKEEWQDEDFPIPLPEDDSIEADILAITGPEDQPGSLEVNGNKVRKKLMAPDISLTLDPSDGSVL SDDLDESGEIDLGLDTPSENSNEFEWEDDLPKPKTTEVIRKGSITEYTAEEKEDGRRWRMFRIGEQDH RVDMAIEPYKKVISHGGYYGDGLNAIVVFAVCFMPESSQPNRYRLMDNLFKYVIGTLELLVAENYMIYV LNGATTRRKMPSLGWLKCYQQIDRRLRKNLKSLLIVHPSWFIRTLLAVTRPFISSKFSQKIRYVFNLAEL LAELVPMYYVGIPECIKQVDQELNGKQDEPKNEQ TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_004330
ORF Size:	942 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_004330.2</u>
RefSeq Size:	2533 bp
RefSeq ORF:	945 bp
Locus ID:	663
UniProt ID:	<u>Q12982</u>
Cytogenetics:	15q22.2
MW:	36 kDa