

Product datasheet for **RC222300A1V**

Human **BPY2 (NM_004678) AAV Particle**

Product data:

Product Type: AAV Particles
Product Name: Human BPY2 (NM_004678) AAV Particle
Tag: Myc-DDK
Symbol: BPY2
Synonyms: BPY2A; VCY2; VCY2A
Mammalian Cell Selection: None
Vector: pAAV-AC-Myc-DDK (PS100089)
ORF Nucleotide Sequence: >RC222300 representing NM_004678
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGATGACGCTTGTCCCCAGAGCCAGGACACGTGCAGGACAGGATCATTACTCTCATCCCTGCCCCAGAT
TTTCACAGGTGCTGCTTACAGAGGGCATCATGACATATTGCTTGACAAAGAACCTAAGTGATGTTAATAT
TCTGCATAGGTTGCTAAAAATGGGAATGTGAGAAATACCTTGCTTCAGTCCAAAGTGGGCTTGCTGACA
TATTATGTGAAACTGTACCCGGTGAAGTGACTCTTCTGACTAGGCCAGCATACAAATGAGATTATGCT
GTATCACTGGCTCAGTGTGGAAGCCAGATCACAGAAG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >RC222300 representing NM_004678
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MMTLVPRARTRAGQDHYSHPCPRFSQVLLTEGIMTYCLTKNLSVDNHLHRLKNGNVRNTLLQSKVGLLT
YYVKLYPGEVTLTTRPSIQMRLCCITGSVSKPRSQK

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species: Human
Serotype: AAV-2
ACCN: NM_004678
ORF Size: 318 bp



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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_004678.1, NP_004669.1</u>
RefSeq Size:	1212 bp
RefSeq ORF:	321 bp
Locus ID:	9083
UniProt ID:	<u>O14599</u>
Cytogenetics:	Yq11.223
MW:	11.9 kDa