

## Product datasheet for **MR230086A1V**

### Mouse Bpifb1 (NM\_153418) AAV Particle

#### Product data:

Product Type:	AAV Particles
Product Name:	Mouse Bpifb1 (NM_153418) AAV Particle
Tag:	Myc-DDK
Symbol:	Bpifb1
Synonyms:	Lplunc1
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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**ORF Nucleotide Sequence:**

>MR230086 representing NM\_153418  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**GCGATCGCC**

ATGGCCGGCCCGTGGATTATCACCTCCTCTGTGGTTTGTGGGAGCCACACTGGTCCAAGCTAACGTCT  
 ATCCCCCTGCAGTGCTCAACCTTGGCCAGAAGTCATCCAGAAACACCTGACCCAGGCACTGAAGGACCA  
 TGATGCCACTGCCATCCTCCAGGAGTTGCCACTGCTCAGAGCCATGCAAGATAAGTCTGGCAGTATCCCC  
 A**TA**ACTGGACAGCTTCGTGCACACCGTTCTGAGATACATCATATGGATGAAGGTCACCTCTGCTAACATCC  
 TCCAGCTGGATGTGCAGCCTTCAACTTATGACCAGGAGCTGGTGGTCAAGATCCCCCTGGACATGGTGGC  
 TGGACTAAACACACCACTGATCAAGACCATAGTGGAGTCCAAATGAGCACCGAGGTCCAAGCCCTCATC  
 CGGGTGGAGAGGACAGAGCGGCCCGCCACCTGAATCTCAGCGACTGCTCCAGCAATGAGAGCACCC  
 TGCGCCTCAGCCTGCTTACAAGCTCTCCTTCGTGGTCAACTCCTTGGCAAAGAATGTTATGAATCTCCT  
 GGTGCCAGCCCTGCCCAAATAGTGA~~AAAA~~ACCCTGTGCCCTGTGATCCAGCAGGCCTTTGATGACATG  
 TACGAAGACTTCTGAGACTGACAACAGCACCCATTGCCCTCAGTCTGGAGCCCTGGAGTTGGCCCTC  
 TGCTCTCTGCTATCCAGGACAGTAATATCCTGTTGAACCTGAAGGCCAAGCTGCTGGACTCACAGGCGAG  
 GGTAACCAACTGGTTCAACA**ACTCTGCGACTTCTCTGATGGAGACCACCCAGACAGGGCCCCCTCAGC**  
 CTGACCGTGAGGCAGGACCTGGTGAATGCCATTGTGACCACCCCTGGTCCCAAGGAGGAGCTTGAATCC  
 TGCTCAGATTCTGATTCCTGATGTGGCCCGCCAGTTACAGATGGACATCAAGGAAATCAATGCAGAGGC  
 AGCCAACAAGCTGGGGCCACCCAGATGTTGAAGATCTCACCCACAGCACCCCCACATTGTGCTGAAC  
 GAGGCGAGTGCCAGGGCAGCCAAAGTGTGCTGCTGGAAGTGTCCCTACCAACTGATGTCCGGCCCT  
 TCTTCTCTCGGCATTGAGGCCAGTTATGAAGCTCAGTCTTACAGAAGACAACCCGGCTTATGCTCAA  
 CTTCAATAACGTCAGTATTGAGCGCATCAAGCTGATGATCTCAGATATCAAACTATTGATCCTGAAGTC  
 CTGAAGGACACCTGACCAAGATCCTTGAATACACACTGCTGCCAATGAGAATGGCAA**ACTGAGA**ACTG  
 GAGTCCCCATGTCAATGTCCAAGGCCTTGGGATACGAGAAAGCCATGTGGTCTGTGAGCAAGGGTGCCT  
 CAAGCTACTCCAGCCTCTCC

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Protein Sequence:**

>MR230086 representing NM\_153418  
 Red=Cloning site Green=Tags(s)

MAGPWIIITLLCGLLGATLVQANVYPPAVLNLGPEVIQKHLTQALKDHDATAILQELPLLRAMQDKSGSIP  
 ILDSFVHTVLRYYIWMKVTSANILQLDVQPSTYDQELVVRIPLDMVAGLNTPLIKTIVEFQMSTEVQALI  
 RVERSKSGPAHLNLSDCSSNESTLRLSLLHKL SFVVNSLAKNVMNLLVPALPQIVKNHLCPIVQQAFDDM  
 YEDFLRLTTAPIALSPGALEFGLLSPAIQDSNILLNLKAKLLDSQARVTNWFNNSATSLMETTPDRAPFS  
 LTVRQDLVNAIVTTLVPKEELVILLRFVIPDVARQLQMDIKEINAEAA**NKLGPTQMLKIFTHSTPHIVLN**  
 EGSARAAQSVVLEVFPTNTDVRPFFSLGIEASYEAQFFTEDNRLMLNFNNVSIERIKLMI**SDIKLFDPEV**  
 LKDTLTKILEYTLNPNENGLRGTGVPMSKALGYEKAMWSVSKGALKLTPASS

**TR**TRPLEQKLISEEDLAANDILDYKDDDDKV

**Species:**

Mouse

**Serotype:**

AAV-2

**ACCN:**

NM\_153418

**ORF Size:**

1422 bp

**Buffer:**

PBS with 0.001% Pluronic F68

<b>Stability:</b>	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.
<b>RefSeq:</b>	<u><a href="#">NM_153418.2</a></u> , <u><a href="#">NP_700467.2</a></u>
<b>RefSeq Size:</b>	1653 bp
<b>RefSeq ORF:</b>	1425 bp
<b>Locus ID:</b>	228801
<b>UniProt ID:</b>	<u><a href="#">Q61114</a></u>
<b>Cytogenetics:</b>	2 H1
<b>MW:</b>	52.5 kDa