

Product datasheet for **MR227586A1V**

Mouse Bmpr1a (NM_009758) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Mouse Bmpr1a (NM_009758) AAV Particle
Tag:	Myc-DDK
Symbol:	Bmpr1a
Synonyms:	1110037I22Rik; ALK3; AU045487; Bmpr; BMPR-IA
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>MR227586 representing NM_009758
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGACTCAGCTATACACTTACATCAGATTACTGGGAGCCTGTCTGTTTCATCATTTCTCATGTTCAAGGGC
 AGAATCTAGATAGTATGCTCCATGGCACTGGTATGAAATCAGACTTGGACCAGAAGAAGCCAGAAAATGG
 AGTGACTTTAGCACCAGAGGATACCTTGCCCTTTCTTAAAGTGCTATTGCTCAGGACACTGCCAGATGAT
 GCTATTAATAACACATGCATAACTAATGGCCATTGCTTTGCCATTATAGAAGAAGATGATCAGGGAGAAA
 CCACATTAACCTTCTGGGTGTATGAAGTATGAAGGCTCTGATTTTCAATGCAAGGATTCACCGAAAGCCCA
 GCTACGCAGGACAATAGAATGTTGTGCGACCAATTTGTGCAACCAGTATTTGCAGCCTACACTGCCCCCT
 GTTGTTATAGGTCCGTTCTTTGATGGCAGCATCCGATGGCTGGTGTGCTCATTTCATGGCTGTCTGTA
 TAGTTGCTATGATCATCTTCTCCAGCTGCTTTTGCTATAAGCATTATTGTAAGAGTATCTCAAGCAGGGG
 TCGTTACAACCGTGATTTGGAACAGGATGAAGCATTTATCCAGTAGGAGAATCATTGAAAGACCTGATT
 GACCAGTCCCAAAGCTCTGGGAGTGATCTGGATTGCCTTTATTGGTTTCAGCGAACTATTGCCAAACAGA
 TTCAGATGGTTCGGCAGGTTGGTAAAGGCCGCTATGGAGAAGTATGGATGGGTAAATGGCGTGGTGAAAA
 AGTGGCTGTCAAAGTGTTTTTACCCTGAAGAAGCTAGCTGGTTAGAGAAACAGAAATCTACCAGACG
 GTGTTAATGCGTCATGAAAATATACTTGGTTTTATAGCTGCAGACATTAAGGCACTGGTTCCTGGACTC
 AGCTGTATTGATTACTGATTACCATGAAAATGGATCTCTCTATGACTTCCTGAAATGTGCCACACTAGA
 CACCAGAGCCCTACTCAAGTTAGCTTATTCTGCTGCTTGTGGTCTGTGCCACCTCCACACAGAAATTTAT
 GGTACCAAGGGAAGCCTGCAATTGCTCATCGAGACCTGAAGAGCAAAAACATCCTTATTAAGAAAAATG
 GAAGTTGCTGTATTGCTGACCTGGGCCCTAGCTGTTAAATCAACAGTGATACAAATGAAGTTGACATACC
 CTTGAATACCAGGGTGGGCACCAAGCGGTACATGGCTCCAGAAGTGCTGGATGAAAGCCTGAATAAAAAC
 CATTTCCAGCCCTACATCATGGCTGACATCTATAGCTTTGGTTTGATCATTTGGGAAATGGCTCGTCGTT
 GTATTACAGGAGGAATCGTGGAGGAATATCAATTACCATTATCAACATGGTGCCAGTGACCCATCCTA
 TGAGGACATGCGTGAGGTTGTGTGTGTGAAACGCTTGGGCCAATCGTGTCTAACCCTGGAACAGCGAT
 GAATGTCTTCGAGCAGTTTGAAGCTAATGTCAGAATGTTGGGCCATAATCCAGCCTCCAGACTCACAG
 CTTTGAGAATCAAGAAGACACTGCAAAAATGGTTGAATCCAGGATGTAAGATT

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

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MTQLYTYIRLLGACLFIIISHVQGNLDSMLHGTGMKSDLDQKKPENGVTLPEDTLPFLKCYCSGHCPDD
 AINNTCITNGHCFIIIEEDDQGETTLTSGCMKYEGSDFQCKDSPKAQLRRTIECCRTNLCNQYLQPTLPP
 VVIGPFFDGSIRWLVLISMAVCIVAMIIIFSSCFYKHYCKSISSRGYRNRDLEQDEAFIPVGESLKDLI
 DQSQSSSGSGLPLLVRITIAKQIQMVQVQVGKGRYGEVWMGKWRGEKVAVKVFFTEEASWFRETEIYQT
 VLMRHENILGFIAADIKGTGSWTQLYLITDYHENGSLYDFLKCATLDTRALLKLAYSACGLCHLHTEIY
 GTQGPAPIAHRDLKSKNILIKKNGSCCIADLGLAVKFNSDTNEVDIPLNTRVGTKRYMAPEVLDLNLNKN
 HFQPYIMADIYSFGLIIWEMARRCITGGIVEEYQLPYNNMVPSPSYEDMREVVVCVKRLRPIVSNRWNSD
 ECLRAVLKLMSECAHNPASRLTALRIKKTAKMVESQDVKI

TRTRPLE**QKL**ISEEDLAANDILDYKDDDDKV

Species:

Mouse

Serotype:

AAV-2

ACCN:

NM_009758

ORF Size:

1596 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:	NM_009758.4 , NP_033888.2
RefSeq Size:	5481 bp
RefSeq ORF:	1599 bp
Locus ID:	12166
UniProt ID:	P36895
Cytogenetics:	14 20.81 cM
MW:	60.5 kDa