

Product datasheet for **RC206048A1V**

Human **BMPR1A (NM_004329)** AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human BMPR1A (NM_004329) AAV Particle
Tag:	Myc-DDK
Symbol:	BMPR1A
Synonyms:	10q23del; ACVRLK3; ALK3; CD292; SKR5
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC206048 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGCCTCAGCTATACATTTACATCAGATTATTGGGAGCCTATTTGTTTCATCATTTCTCGTGTTCAGGAC
 AGAATCTGGATAGTATGCTTCATGGCACTGGGATGAAATCAGACTCCGACCAGAAAAAGTCAGAAAAATGG
 AGTAACCTTAGCACCAGAGGATACCTTGCCTTTTTTAAAGTGCTATTGCTCAGGGCACTGTCAGATGAT
 GCTATTAATAACACATGCATAACTAATGGACATTGCTTTGCCATCATAGAAGAAGATGACCAGGGAGAAA
 CCACATTAGCTTCAGGGTGATGAAATATGAAGGATCTGATTTTCAGTGCAAAGATTCTCCAAAAGCCCA
 GCTACGCCGACAATAGAATGTTGTGGACCAATTTATGTAACCAAGTATTGCAACCCACACTGCCCCCT
 GTTGTGCATAGGTCGGTTTTTGTGATGGCAGCATTGATGGCTGGTTTTGCTCATTCTATGGCTGTCTGCA
 TAATTGCTATGATCATCTTCCAGCTGCTTTTGTACAACATTATTGCAAGAGCATCTCAAGCAGACG
 TCGTTACAATCGTGATTTGGAACAGGATGAAGCATTTATCCAGTTGGAGAATCACTAAAAGACCTTATT
 GACCAGTCACAAAGTTCTGGTAGTGGGTCTGGACTACCTTTATTGGTTACAGCAACTATTGCCAAACAGA
 TTCAGATGGTCCGGCAAGTTGGTAAAGGCCGATATGGAGAAGTATGGATGGGCAATGGCGTGGCGAAAA
 AGTGGCGGTGAAAGTATTCTTTACCACTGAAGAAGCCAGCTGGTTTCGAGAAACAGAAATCTACCAAAC
 GTGCTAATGCGCCATGAAACATACTTGGTTTCATAGCGGCAGACATTAAGGTACAGGTTCTGGACTC
 AGCTCTATTTGATTACTGATTACCATGAAAATGGATCTCTCTATGACTTCTGAAATGTGCTACACTGGA
 CACCAGAGCCCTGCTTAAATTGGCTTATTCAGCTGCCTGTGGTCTGTGCCACCTGCACACAGAAATTTAT
 GGCACCCAAGGAAAGCCCGCAATTGCTCATCGAGACCTAAAGAGCAAAAACATCCTCATCAAGAAAAATG
 GGAGTTGCTGCATTGCTGACCTGGGCCCTTGTGTTAAATCAACAGTGACACAAATGAAGTTGATGTGCC
 CTTGAATACCAGGGTGGGCACCAACGCTACATGGCTCCCGAAGTGTGACGAAAGCCTGAACAAAAAC
 CACTTCCAGCCCTACATCATGGCTGACATCTACAGCTTCGGCCTAATCATTTGGGAGATGGCTCGTCGTT
 GTATCACAGGAGGGATCGTGGAAGAATACCAATTGCCATATTACAACATGGTACCGAGTATCCGTCATA
 CGAAGATATGCGTGAGGTTGTGTGTGTCAAACGTTTGGCGCAATTGTGTCTAATCGGTGGAACAGTGT
 GAATGTCTACGAGCAGTTTTGAAGCTAATGTCAGAATGCTGGGCCACAATCCAGCTCCAGACTCACAG
 CATTGAGAATTAAGAAGACGCTTGCCAAGATGGTTGAATCCCAAGATGAAAAATC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC206048 protein sequence
 Red=Cloning site Green=Tags(s)

MPQLYIYIRLLGAYLFIISRVQQNLDLSMLHGTGMKSDSDQKSENGVTLAPEDTL PFLKCYCSGHCPDD
 AINNTCITNGHCFAIIEEDDQGETTLASGCMKYEKSDQKSPKAQLRRTIECCRTNLCNQYLQPTLPP
 VVIGPFFDGSIRWLVLLISMAVCIAMIIFSSFCYKHYCKSISRRRYNRDLEQDEAFIPVGESLKDLI
 DQSQSSGSGSGLPLLVRQTIKQIQMVRQVKGGRYGEVWGMKWRGEKVAVKVFVFTTEEASWFRETEIYQT
 VLMRHNILGFIAADIKGTGSWTQLYLITDYHENGSLYDFLKCATLDTRALLKLAYSAAAGLCHLHTEIY
 GTQGKPAIAHRDLKSKNILIKKNGSCCIADLGLAVKFNSDTNEVDVPLNTRVGTKRYMAPEVLDLNLN
 HFQPYIMADIYSFGLIIWEMARRCITGGIVEEYQLPYNNMVPSPSYEDMREVVCKRLRPVSNRWNSD
 ECLRAVLKLMSECAWHPASRLTALRIKKTAKMVESQDVKI

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:

AAV-2

ACCN:

NM_004329

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:	<u>NM_004329.2</u>
RefSeq Size:	3631 bp
RefSeq ORF:	1599 bp
Locus ID:	657
UniProt ID:	<u>P36894</u>
Cytogenetics:	10q23.2
MW:	60.2 kDa