

Product datasheet for **RC212538A1V**

Human BMP1 (NM_001199) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human BMP1 (NM_001199) AAV Particle
Tag:	Myc-DDK
Symbol:	BMP1
Synonyms:	OI13; PCOLC; PCP; PCP2; TLD
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC212538 representing NM_001199
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGCCCGGCGTGGCCCGCTGCCGCTGCTGCTCGGGCTGCTGCTGCCGCGTCCCGGCCGGCCGCTGG
 ACTTGGCCGACTACACCTATGACCTGGCGGAGGAGGACGACTCGGAGCCCTCAACTACAAAGACCCCTG
 CAAGGCGGCTGCCTTTCTTGGGGACATTGCCCTGGACGAAGAGGACCTGAGGGCCTTCCAGGTACAGCAG
 GCTGTGGATCTCAGACGGCACACAGCTCGTAAGTCTCCATCAAAGCTGCAGTTCAGGAAACACTTCTA
 CCCCCAGCTGCCAGAGACCAACGGGCAGCCTCAGAGGGGAGCCTGTGGGAGATGGAGAGGTAGATCCCG
 TAGCCGGCGGGCGGCGACGTCCCGACCAGAGCGTGTGTGGCCGATGGGGTCATCCCTTTTGTATTGGG
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 TGTGCTGGTACGACTATGTGGAGGTCCGAGATGGCTTCTGGAGGAAGGCGCCCTCCGAGGCCGCTTCTG
 CGGGTCCAAACTCCCTGAGCCTATCGTCTCCACTGACAGCCGCCCTCTGGGTTGAATTCCGACGACGAGC
 AATTGGGTTGGAAGGGCTTCTTTGCACTCTACGAAGCCATCTGCGGGGGTGATGTGAAAAGGACTATG
 GCCACATTCAATCGCCCAACTACCCAGACGATTACCGGCCAGCAAAGTCTGCATCTGGCGGATCCAGGT
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 AGCCTGATGACATCAAGAGCACGTCCAGCCGCTCTGGCTCAAGTTCTGCTCTGACGGGTCCATTAAACA
 AGCGGGCTTTGCCGTCAACTTTTTCAAAGAGGTGGACGAGTGCTCTCGGCCCAACCGGGGGCTGTGAG
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 GCCCAAGGAGTACCCCCCAACAAGAACTGCATCTGGCAGCTGGTGGCCCCACCCAGTACCGCATCTCC
 CTGCACTTTGACTTCTTTGAGACAGAGGGCAATGATGTGTGCAAGTACGACTTCGTGGAGGTGCGCAGTG
 GACTCACAGCTGACTCCAAGCTGCATGGCAAGTTCTGTGGTTCTGAGAAGCCCGAGGTATCACCTCCCA
 GTACAACAACATGCGCGTGGAGTTCAAGTCCGACAACACCGTGTCCAAAAGGGCTTCAAGGCCCACTTC
 TTCTCAGAAAAGAGGCCAGCTCTGCAGCCCCCTCGGGGACGCCCCACCAGCTCAAATTCGAGTGCAGA
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ACGCGTACGCGGCGGCTCGAGCAGAACTCATCTCTGAAGAGGATCTGGCAGCAAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:	>RC212538 representing NM_001199 Red=Cloning site Green=Tags(s) MPGVARLPLLLGLLLPRPGRPLDLADYTYDLAEEDDSEPLNYKDPCAAAFLGDIALDEEDLRAFQVQQ AVDLRRHTARKSSIKAAPVPGNTSTPSCQSTNGQPORGACGRWRGRSRRAATSRPERVWPDGVIPFVIG GNFTGSQRAVFRQAMRHWEKHTCVTLERTDEDSYIVFTYRPGCCSYVGRGGGPQAI SIGKNCDFGI VVHELGHVVGFWEHTRPDRDRHVSIVRENIQPGQEYNFLKMEPQEVESLGETYDFDSIMHYARNTFSRG IFLDTIVPKYEVNGVKPPIGQRTLSKGDIAQARKLYKCPACGETLQDSTGNFSSPEYPNGYSAHMHCVW RISVTPGEKIIILNFTSLDLYRSRLCWYDYVEVRDGFWRKAPLRGRFCGSKLPEPIVSTDSRLWVEFRSS NWVGKGFFAVYEAICGGDVKKDYGHIQSPNYPDDYRPSKVCIWRIQVSEGFHVGLTFQSFEIERHDSCAY DYLEVDRGHSESSLIGRYCGYEKPDDIKSTSSRLWLFVSDGSINKAGFAVNFKEVDECSRPNRGGCE QRCLNTLGSYKSCDPGYELAPDKRCEAACGGFLTKLNGSITSPGWPKEYPPNKNCIWQLVAPTQYRIS LQFDFFETEGNDVCKYDFVEVRSGLTADSKLHGKFCGSEKPEVITSQYNNMRVEFKSDNTVSKKGFAHF FSEKRPALQPPRGRPHQLKFRVQKRNRTPTQTRTRPLEQKLI SEEDLAANDILDYKDDDDKV* TRTRPLEQKLI SEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_001199
ORF Size:	2190 bp
Buffer:	PBS with 0.001% Pluronic F6899
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_001199.1
RefSeq Size:	2487 bp
RefSeq ORF:	2193 bp
Locus ID:	649
UniProt ID:	P13497
Cytogenetics:	8p21.3
MW:	82.9 kDa