

Product datasheet for **RC220034A1V**

Human BMP4 (NM_130851) AAV Particle

Product data:

Product Type: AAV Particles
Product Name: Human BMP4 (NM_130851) AAV Particle
Tag: Myc-DDK
Symbol: BMP4
Synonyms: BMP2B; BMP2B1; MCOPS6; OFC11; ZYME
Mammalian Cell Selection: None
Vector: pAAV-AC-Myc-DDK (PS100089)
ORF Nucleotide Sequence: >RC220034 representing NM_130851
Red=Cloning site Blue=ORF Green=Tags(s)

CTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGCATCGCC**

ATGATTCCTGGTAACCGAATGCTGATGGTCGTTTTATTATGCCAAGTCCTGCTAGGAGGCGCGAGCCATG
CTAGTTTGATACCTGAGACGGGGAAGAAAAAGTCGCCGAGATTCAGGGCCACGCGGGAGGACGCCGCTC
AGGGCAGAGCCATGAGCTCCTGCGGGACTTCGAGGCGACACTTCTGCAGATGTTGGGCTGCGCCGCCG
CCGACGCTAGCAAGAGTGCCGTCATTCGGACTACATGCGGGATCTTTACCGGCTTCAGTCTGGGGAGG
AGGAGGAAGAGCAGATCCACAGCACTGGTCTTGAGTATCCTGAGCGCCCGCCAGCCGGGCCAACACCGT
GAGGAGCTTCCACCACGAAGAACATCTGGAGAACATCCCAGGGACCACTGAAAACCTCTGCTTTTCGTTTT
CTCTTTAACCTCAGCAGCATCCCTGAGAACGAGGCGATCTCCTCTGCAGAGCTTCGGCTCTTCCGGGAGC
AGGTGGACCAGGGCCCTGATTGGGAAAGGGGCTTCCACCGTATAAACATTTATGAGGTTATGAAGCCCC
AGCAGAAGTGGTGCCTGGGCACCTCATCACGACTACTGGACACGAGACTGGTCCACCACAATGTGACA
CGGTGGGAAACTTTTGATGTGAGCCCTGCGGTCTTCGCTGGACCCGGGAGAAGCAGCCAAACTATGGGC
TAGCCATTGAGGTGACTCACCTCCATCAGACTCGGACCCACCAGGGCCAGCATGTCAGGATTAGCCGATC
GTTACCTCAAGGAGTGGGAATTGGGCCAGCTCCGGCCCTCCTGGTCACTTTGGCCATGATGGCCGG
GGCCATGCCTTGACCCGACGCCGAGGGCCAAGCGTAGCCCTAAGCATCACTCACAGCGGCCAGGAAGA
AGAATAAGAACTGCCGGCGCCACTCGCTCTATGTGGACTTCAGCGATGTGGGCTGGAATGACTGGATTGT
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TCAACCAACCATGCCATTGTGCAGACCCTGGTCAATTCTGTCAATTCCAGTATCCCCAAAGCCTGTTGTG
TGCCCACTGAAGTGAATCTCCATGCTGTACTGGATGAGTATGATAAGGTGGTACTGAAAAATTA
TCAGGAGATGGTAGTAGAGGGATGTGGGTGCCG

ACGCGTACGCGGCCGCTCGAGCAGAAAACCTCATCTCTGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



Protein Sequence:	>RC220034 representing NM_130851 Red=Cloning site Green=Tags(s) MIPGNRMLMVLLCQVLLGGASHASLIPETGKKKVAEIQGHAGGRRSGQSHELLRDFEATLLQMFLRRR PQPSKSAVIPDYMRDLYRLQSGEEEEQIHSTGLEYPERSRANTVRSFHHEEHLENIPGTSENSAFRF LFNLSSIPENEAISSAELRLFREQVDQGPDWERGFHRINIYEVMPKPAEVVPGHLITRLLDTRLVHHNVT RWETFVDVSPAVLRWTREKQPNYGLAIEVTHLHQTRTHQGQHVRI SRSLPQSGNWAQLRPLLVTFGHDGR GHALTRRRRAKRSPKHHSQRARKKNKNCRRHSLYVDFSDVGVNDWIVAPPGYQAFYCHGDCCPFLADHLN STNHAI VQTLVNSVNSSIPKACCVPTELSAISMLYLDEYDKVVLKNYQEMVVEGCGCR TRTRPLEQKLI SEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_130851
ORF Size:	1224 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_130851.1, NP_570912.1</u>
RefSeq Size:	1802 bp
RefSeq ORF:	1227 bp
Locus ID:	652
UniProt ID:	<u>P12644</u>
Cytogenetics:	14q22.2
MW:	46.5 kDa