

Product datasheet for **RC212801A1V**

Human BMP3 (NM_001201) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human BMP3 (NM_001201) AAV Particle
Tag:	Myc-DDK
Symbol:	BMP3
Synonyms:	BMP-3A
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC212801 representing NM_001201
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGGCTGGGGCGAGCAGGCTGCTCTTTCTGTGGCTGGGCTGCTTCTGCGTGAGCCTGGCGCAGGGAGAGA
 GACCGAAGCCACCTTTCCGGAGCTCCGCAAAGCTGTGCCAGGTGACCGCACGGCAGGTGGTGGCCCGGA
 CTCCGAGCTGCAGCCGCAAGACAAGGTCTCTGAACACATGCTGCGGCTCTATGACAGGTACAGCAGGTC
 CAGGCGGCCCGGACACCGGGCTCCCTGGAGGGAGGCTCGCAGCCCTGGCGCCCTCGGCTCCTGCGCGAAG
 GCAACACGGTTCGAGCTTTCCGGCGGCAGCAGCAGAACTCTTGAAAGAAAAGGACTGTATATCTTCAA
 TCTGACATCGCTAACCAAGTCTGAAAACATTTGTCTGCCACACTGTATTTCTGTATTGGAGAGCTAGGA
 AACATCAGCCTGAGTTGTCCAGTGTCTGGAGGATGCTCCCATCATGCTCAGAGGAAACACATTGAGATTG
 ATCTTTCTGCATGGACCCTCAAATTCAGCAGAAACCAAAGTCACTCCTTGCCCATCTGTCAGTGGATAT
 GGCCAAATCTCATCGAGATATTATGCTCTGGTGTCTAAAGATATCACTCAATCTTGAGGAAGGCCAAA
 GAAAATGAAGAGTTCTCATAGGATTTAACATTACGTCCAAGGGACGCCAGCTGCCAAAGAGGAGTTAC
 CTTTCCAGAGCCTTATATCTTGGTATATGCCAATGATGCCGCCATTTCTGAGCCAGAAAGTGTGGTATC
 AAGCTTACAGGGACACCGGAATTTCCCACTGGAAGTGTCCCAATGGGATAGCCACATCAGAGCTGCC
 CTTTCCATTGAGCGGAGGAAGAAGCGCTCTACTGGGTCTTGTGCCTCTGCAGAACACGAGCTTCCTG
 GGGCAGAATACAGTATAAAAAGGATGAGGTGTGGGAGGAGAGAAAGCCTTACAAGACCTTCAGGCTCA
 GGCCCTGAAAAGAGTAAGAATAAAAAGAAACAGAGAAAGGGGCTCATCGGAAGAGCCAGACGCTCCAA
 TTTGATGAGCAGACCTGAAAAGGCAAGGAGAAAGCAGTGGATTGAACCTCGGAATTGCGCCAGGAGAT
 ACCTCAAGGTAGACTTTGCAGATATTGGCTGGAGTGAATGGATTATCTCCCCAAGTCTTTGATGCCTA
 TTATTGCTCTGGAGCATGCCAGTTCCTCATGCCAAAGTCTTTGAAGCCATCAAATCATGCTACCATCCAG
 AGTATAGTGAGAGCTGTGGGGTCTGTTCTGGGATTCTGAGCCTTGCTGTGTACCAGAAAAGATGTCCT
 CACTCAGTATTTTATTCTTTGATGAAAATAAGAATGTAGTGCTTAAAGTATACCCTAACATGACAGTAGA
 GTCTTGCCTTGAGAG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCTGAAGAGGATCTGGCAGCAAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC212801 representing NM_001201
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MAGASRLFLWLGCFCVSLAQGERPKPPPELRKAVPGDRTAGGGPDSELQPQDKVSEHMLRLYDRYSTV
 QAARTPGSLEGGSQPWRPRLREGNTVRSFRAAAETLERKGLYIFNLTSLTSENILSATLYFCIGELG
 NISLSCPVSGGCSHAQRKHIQIDLAWTLKFSRNQSLLGHLSDMAKSHRDIMSWLSKDITQFLRKAK
 ENEEFLIGFNITSKGRQLPKRRLPFPEPYILVYANDAAISEPESVSSSLQHRNFPTGTVPKWDHIRAA
 LSIERRKKRSTGVLLPLQNNELPGAIEYQYKKDEVWEERKPYKTLQAQAPKSKNKKKQKRGPHRKSQTLQ
 FDEQTLKKARRKQWIEPRNCARRYLKVDFAIGWSEWIIISPKSFDAYYCSGACQFMPKSLKPSNHATIQ
 SIVRAVGVPVGIPEPCCVPEKMSSLSILFFDENKNVVLKVYPNMTVESACR

TRTRPLE**QKL**ISEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:

AAV-2

ACCN:

NM_001201

ORF Size:

1416 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_001201.1</u>
RefSeq Size:	1774 bp
RefSeq ORF:	1419 bp
Locus ID:	651
UniProt ID:	<u>P12645</u>
Cytogenetics:	4q21.21
MW:	53.41 kDa