

Product datasheet for **RC212307A1V**

Human BMP6 (NM_001718) AAV Particle

Product data:

| | |
|---------------------------|-------------------------------------|
| Product Type: | AAV Particles |
| Product Name: | Human BMP6 (NM_001718) AAV Particle |
| Tag: | Myc-DDK |
| Symbol: | BMP6 |
| Synonyms: | VGR; VGR1 |
| Mammalian Cell Selection: | None |
| Vector: | pAAV-AC-Myc-DDK (PS100089) |



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ORF Nucleotide Sequence:

>RC212307 representing NM_001718
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGCC**

ATGCCGGGGCTGGGGCGGAGGGCGCAGTGGCTGTGCTGGTGGTGGGGCTGCTGTGCAGTCTGCGGGG
 CCCCGCCGCTGCGGCCGCCCTTGCCCGCTGCCGCGGCCGCCGCCGGGGGACGCTGCTGGGGACGG
 CGGGAGCCCCGGCCGACGAGCAGCCCGCCGCTCGCCGAGTCTCCTCGGGCTTCTGTACCGGCGG
 CTCAAGACGCAGGAGAAGCGGGAGATGCAGAAGGAGATCTTGTGGTGGTGGGGCTCCCGCACCGGCCCC
 GGCCCCTGACGGCCTCAACAGCCGACGCCCCGGCGCTCCGGCAGCAGGAGGAGCAGCAGCAGCAGCA
 GCAGCTGCCTCGCGGAGAGCCCCCTCCCGGGGACTGAAGTCCGCGCCCCCTTTCATGCTGGATCTGTAC
 AACGCCCTGTCCGCCGACAACGACGAGGACGGGGCGTCCGAGGGGAGAGGCAGCAGTCTGGCCCCACG
 AAGCAGCCAGTCTGCCAGCGTCCGACGCCGCCCGGGCGCCGCGCACCCGCTCAACCGCAAGAGCCT
 TCTGGCCCCGGATCTGGCAGCGCGCGCTCCCCACTGACCAGCGCGCAGGACAGCGCCTTCTCAAC
 GACCGGACATGGTCATGAGCTTGTGAACCTGGTGGAGTACGACAAGGAGTTCTCCCTCGTCAGCGAC
 ACCACAAGAGTTCAAGTTCACTTATCCCAGATTCTGAGGGTGGTGGTGGTGGTGGTGGTGGTGGTGGT
 CATCTACAAGGACTGTGTTATGGGGAGTTTTAAAAACAACTTTTCTTATCAGCATTTATCAAGTCTTA
 CAGGAGCATCAGCACAGAGACTCTGACCTGTTTTTGTGGACACCCGTGTAGTATGGGCCTCAGAAGAAG
 GCTGGCTGGAATTTGACATCACGGCCACTAGCAATCTGTGGTGTGACTCCACAGCATAACATGGGGCT
 TCAGCTGAGCGTGGTGAAGGGATGGAGTCCACGTCCACCCCGAGCCGAGCCTGGTGGGACAGAC
 GGCCCTACGATAAGCAGCCCTTCATGGTGGCTTTCTTCAAAGTGAGTGAGTCCACGTGCGCACCACCA
 GGTCCAGCTCCAGCCGGCGCCGACAACAGAGTCTAATCGCTTACCCAGTCCAGGAGTGGCGCGGCT
 CTCCAGTGTTCAGATTACAACAGCAGTGAATTGAAAACAGCCTGCAGGAAGCATGAGCTGTATGTGAGT
 TTCAAAGACTGGGATGGCAGGACTGGATCATTGCACCCAAGGGCTATGCTGCCAATTACTGTGATGGAG
 AATGCTCTTCCCACTCAACGCACACATGAATGCAACCAACCACGCGATTGTGCAGACCTTGGTTACCT
 TATGAACCCCGAGTATGTCCCAACCGTGTGTGCGCCAATAAGCTAAATGCCATCTCGGTTCTTTAC
 TTTGATGACAACCTCAATGTCATTCTGAAAAAATACAGGAATATGTTGTAAGAGCTTGTGGATGCCAC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC212307 representing NM_001718
 Red=Cloning site Green=Tags(s)

MPGLGRRQWL CWWWGLL CSCCGPPPLRPPL PAAAAAAGGQL LGDGGSPGRTEQPPSPQSSSGFLYRR
 LKTQEKREMQEILSVLGLPHRPRPLHGLQQPQPPALRQEEQQQQQLPRGEPPLGRLKSAFLFMDLY
 NALSADNDEGDGASEGERQQSWPHEAASSQRRQPPPGAHLNRKSLAPGSGSGASPLTSAQDSAFNL
 DADMVMSFVNLVEYDKEFSPRQRHHKEFKFNLSQIPEGEVVTAAEFRIYKDCVMGSFKNQTFLLISIQVL
 QEHQHRSDLFLLDTRVVWASEEGWLEFDITATSNLWVVPQHNMGLQLSVVTRDGVHVPRAAGLVGRD
 GPYDKQPFMVAFFKVSEVHVTRTRSASSRRRQSRNRSTQSDVARVSSASDYNSELKTACRKHELIVS
 FQDLGWQDWIIAPKGYAANYCDGECFPLNAHMNATNHAIVQTLVHLMNPEYVPKPCCAPTKLNAISVLY
 FDDNSNVILKKYRNMVVRACGCH

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:

AAV-2

ACCN:

NM_001718

ORF Size:

1539 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_001718.2</u> , <u>NP_001709.1</u> |
| RefSeq Size: | 2943 bp |
| RefSeq ORF: | 1542 bp |
| Locus ID: | 654 |
| UniProt ID: | <u>P22004</u> |
| Cytogenetics: | 6p24.3 |
| MW: | 57 kDa |