

Product datasheet for **MR226291A1V**

Mouse Gdf6 (NM_013526) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Mouse Gdf6 (NM_013526) AAV Particle
Tag:	Myc-DDK
Symbol:	Gdf6
Synonyms:	BMP-13; BMP1; BMP13; GDF16
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>MR226291 representing NM_013526
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGCC**

ATGGACACTCCTAGGGTCTTCTCTGGGCGATCTTCTCATTAGCTTCTCTGGGATTTGCCGGTTTCC
 AGCAGGCTTCCATCTCCTCGTCCTCTCTCCTCCACCGAATTGGACTCCACCAAAGACGTGGGGAACCG
 CAAAGAAGGGAAGATGCAGCGAACTCCACAAGAGAGTGCCGAGGGCCGGACGCCCCCGGAGCACGGGCTG
 CGGCAGAAGGACCTCCGGCGCGGCCGCCCGGACAACATCAGGGGCAGGAGCCGCGGGCAGGGGCTGC
 GCGTGGTGCCTCAGGATACATGCTGTCAATCTACAAGACTTACTCCATTGCCGAGAAGCTGGGCATCAA
 TGCCAGCTTTTCCAGTCTTCCAAGTACGTAATACGATCACTAGCTTTGTAGACAGAGGACTGGACGAT
 CTCTCGCACACTCTCTCGGAGACAGAAGTATTTGTTTGTATGTGCCACTCTCAGACAAAGAAGAGC
 TGGTGGGCGCAGAGCTAAGGCTTTATCGCCAGGCGCCCAACGCCCTGGGGCTACCGGCCGACCGCT
 GCACTTGACGCTTTCCTTGTATCCCCATTGCTACTGGACGCCAGGACCCTGGATCCTCAGGGACCA
 ACCCAGGCCGGCTGGGAAGTCTTCGACGTGTGGCAGGGCTGCGCCCTCAGCCTTGAAGCAGCTGTGCC
 TGGAGTTGCGGGCAGCCTGGGGTGGAGTGGACGCCGGGATACGGGGGCGCGCGGAGGGGTCCCCAGCA
 GCCACCGCCTCTGGACCTGCGGAGTCTGGGCTTCGGTCCGAGGGTGGAGCCGCCCCAGGAGCGCGCCCTG
 CTTGTAGTGTTACCAGATCGCAGCGCAAGAACCTGTTCACTGAGATGCATGAGCAGCTGGGCTCTGCAG
 AGGCTGCGGGAGCCGAGGGGTGATGGCCAGCGCCGTCCGGCTCCCCAGACGCCGGGTCTTGGCTGCCCTC
 GCCCGGCCCGCGGGCGACGCACCGCCTTCGCCAGCCGTACGGCAAGCGACATGGCAAGAAGTCCAGG
 CTGCGTGCAGCAGAAAGCCTCTGCACGTGAATTTAAGGAGTTAGGCTGGGACGACTGGATTATCGCGC
 CCCTAGATACGAGGCCATCACTGCGAGGGCGTGTGGACTTCCGCTGCGCTCGCACCTTGAGCCCA
 TAACCATGCCATCATTACAGCGCTGATGAATCCATGGACCCGGGCTCCACCCCGCCTAGCTGCTGCGTT
 CCCACCAAAGTACTCCATTAGCATCCTGTACATCGACGCGGGCAATAATGTAGTCTACAAGCAGTATG
 AGGACATGGTGGTGGAGTCTGCGGCTGTAGG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>MR226291 representing NM_013526
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MDTPRVLLWAIFLISFLWDLPGFQQASISSSSSSTELDSTKDVGNRKEGKMQRTPQESAEGRTPPEHGL
 RQKDLRRRPPGQHQQEPPGRGLRVVPHEYMLSIYKTYIAEKLGINASFFQSSKSANTITSFVDRGLDD
 LSHTPLRRQKYLFDVSTLSDKEELVGAELRLYRQAPPTPWGLPARPLHLQLFPCLSPLLLDARTLDPQGP
 TQAGWEVFDVWQGLRPQPKQLCLELRAAWGELDAGDTGARARGPQQPPPLDLRSLGFGRVRVPPQERAL
 LVVFTRSQRKNLFTMEHQLGSAEAAGAEGSWPAPSGSPDAGSWLPSPGRRRRRTAFASRHGKRHGKKS
 LRCSRKPLHVNFKELGWDDWIIAPLEYEAYHCEGVCFPLRSHLEPTNHAIITLMNSMDPGSTPPSCCV
 PTKLTPISILYIDAGNNVYKQYEDMVVESCGR

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species:

Mouse

Serotype:

AAV-2

ACCN:

NM_013526

ORF Size:

1362 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_013526.1</u> , <u>NP_038554.1</u>
RefSeq Size:	3532 bp
RefSeq ORF:	1365 bp
Locus ID:	242316
UniProt ID:	<u>P43028</u>
Cytogenetics:	4 A1
MW:	51.4 kDa