

Product datasheet for **MR207970A1V**

Mouse Angpt2 (NM_007426) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Mouse Angpt2 (NM_007426) AAV Particle
Tag:	Myc-DDK
Symbol:	Angpt2
Synonyms:	Agpt2; An; Ang; Ang-2; Ang2
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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**ORF Nucleotide
Sequence:**

>MR207970 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGTGGCAGATCATTTTCTAACTTTTGGCTGGGATCTTGTCTTGGCCTCAGCCTACAGTAACCTTAGGA
 AGAGCGTGGACAGCACAGGCAGAAGGCAGTACCAGGTCCAGAACGGACCCTGCAGCTACACGTTCTGCT
 GCCGGAGACCGACAGCTGCCGATCTTCTCCAGCCCCTACATGTCCAATGCCGTGCAGAGGGATGCACCC
 CTCGACTACGACGACTCAGTGCAAAGGCTGCAGGTGCTGGAGAACATTCTAGAGAACAACACACAGTGGC
 TGATGAAGCTGGAGAATTACATTAGGACAACATGAAGAAGGAGATGGTGGAGATCCAACAGAATGTGGT
 GCAGAACCAGACAGCTGTGATGATAGAGATTGGAACAGCTTGCTGAACCAGACAGCAGCAAACTCGG
 AAAGTACTGATGTGAAGCCCAAGTAACTAAACCAGACGACAAGACTCGAGCTGCAGTCTCTCAACATT
 CTATTTCTACCAACAAATTGAAAAGCAGATTTTGGATCAGACCAGTGAATAAACAAGCTACAAATAA
 GAACAGCTTCTAGAACAGAAAGTTCTGGACATGGAGGGCAAGCAGCGAGCAGCTACAGTCCATGAAA
 GAGCAGAAGGACGAGCTCCAGGTGCTGGTGTCCAAGCAGAGCTCTGTATTGACGAGCTGGAGAAGAAGC
 TGGTGACAGCCACGGTCAACAACCTCGCTCCTTCAAGCAGCAGCATGACCTAATGGAGACCGTCAACAG
 CTTGCTGACCATGATGTCATACCCAACTCCAAGAGCTCGGTTGCTATCCGTAAGAAGAGCAAAACCACC
 TTCAGAGACTGTGCGGAAATCTCAAGTCAGGACTCACCAACAGTGGCATCTACACACTGACCTTCCCCA
 ACTCCACAGAGGAGATCAAGGCTACTGTGACATGGACGTGGGTGGAGGAGGGTGGACAGTCATCCAACA
 CCGAGAAGATGGCAGTGTGACTTCCAGAGGACGTGGAAGAATACAAAGAGGGCTTCGGGAGCCCTCTG
 GGAGAGTACTGGCTGGCAACGAGTTTGTCTCCAGCTGACCGGTGAGCAGCGCTACGTGCTTAAGATCC
 AGCTGAAGGACTGGGAAGGCAACGAGGCGCATTGCTGTATGATCACTTCTACCTCGTGGTGAAGAGTC
 CAACTACAGGATTACCTTACAGGACTCACGGGACCGGGGCAAAATAAGTAGCATCAGCCAACCAAGGA
 AGTGATTTTAGCACAAGGATTCGGACATGACAAATGCATCTGCAAGTGTTCCAGATGCTCTCAGGAG
 GCTGGTGGTTTACGCATGTGGTCTTCCAACCTGAATGGACAGTACTACCCACAAAAACAGAATACAAA
 TAAGTTTAACGGTATCAAGTGGTACTACTGGAAGGGTCCGGCTACTCGCTCAAGGCCACAACCATGATG
 ATCCGGCCAGCAGATTTC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>MR207970 protein sequence
 Red=Cloning site Green=Tags(s)

MWQIIFLTFGWDLVLASAYSNFRKSVSDSTGRRQYQVQNGPCSYTFLLPETDSCRSSSSPYMSNAVQRDAP
 LDYDDSVQRLQVLENIENNTQWLMKLENYIQDNMKKEMVEIQNVVQNQTAVMIEIGTSLLNQTAAQTR
 KLTDVEAQVLNQTTTRELQLLQHSISTNKLEKQILDQTSEINKLQNKNSFLEQKVLDMEGKHSEQLQSMK
 EQKDELQVLVSKQSSVIDELEKKLVTATVNNSLLQKQHDLMETVNSLLTMMSSPNSKSSVAIRKEEQTT
 FRDCAEIFKSGLTTSGLIYTLTFPNSTEEIKAYCDMDVGGGWTVIQHREDGSVDFQRTWKEYKEGFGSPL
 GEYWLGNFVSQLTGQHRVYVLKIQKDWEGNEAHSLYDHFYLAGEE SNYRIHLTGLTGAGKISSISQPG
 SDFSTKDSNDKCKICKSQMLSGGWFDACGPSNLNGQYYPQKQNTNKFNGIKWYWKSGSYSLKATMM
 IRPADF

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species:

Mouse

Serotype:

AAV-2

ACCN:

NM_007426

ORF Size:

1488 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_007426.3, NP_031452.2</u>
RefSeq Size:	3560 bp
RefSeq ORF:	1491 bp
Locus ID:	11601
UniProt ID:	<u>O35608</u>
Cytogenetics:	8 10.3 cM
MW:	56.6 kDa