

Product datasheet for **RC225727A1V**

Human Angiopoietin 2 (ANGPT2) (NM_001118888) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human Angiopoietin 2 (ANGPT2) (NM_001118888) AAV Particle
Tag:	Myc-DDK
Symbol:	Angiopoietin 2
Synonyms:	AGPT2; ANG2; LMPHM10
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC225727 representing NM_001118888
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGTGGCAGATTGTTTTCTTACTCTGAGCTGTGATCTTGTCTTGGCCGAGCCTATAACAACCTTCGGA
 AGAGCATGGACAGCATAGGAAAGAAGCAATATCAGGTCCAGCATGGGTCCTGCAGCTACACTTTCCTCCT
 GCCAGAGATGGACAACCTGCCGCTCTTCTCCAGCCCTACGTGTCCAATGCTGTGCAGAGGGACGCGCCG
 CTCGAATACGATGACTCGGTGCAGAGGCTGCAAGTGTGGAGAACATCATGAAAAACAACACTCAGTGGC
 TAATGAAGGTATTAATCAGACCAGGACTTGAACCTCAGCTCTTGGAACTCCCTCTCGACAAAACAA
 ATTGAAAAACAGATTTGGACCAGACCAGTGAATAAACAATGCAAGATAAGAACAGTTTCTAGAA
 AAGAAGGTGCTAGCTATGGAAGACAAGCACATCATCCAACACAGTCAATAAAGAAGAGAAAGATCAGC
 TACAGGTGTTAGTATCCAAGCAAAATTCATCATTGAAGAAGTAAAAAAGTACTGACTGCCACGGT
 GAATAATTCAGTCTTCCAGAAGCAGCAACATGATCTCATGGAGACAGTTAATAACTTACTGACTATGATG
 TCCACATCAAACCTCAGCTAAGGACCCCACTGTTGCTAAAGAAGAACAAATCAGCTTCAGAGACTGTGCTG
 AAGTATTCAAATCAGGACACACCACGAATGGCATCTACACGTTAACATTCCTAATTCTACAGAAGAGAT
 CAAGGCCTACTGTGACATGGAAGCTGGAGGAGGCGGGTGGACAATTATTCAGCGAGCTGAGGATGGCAGC
 GTTGATTTTCAGAGGACTTGGAAAGAATATAAAGTGGGATTTGGTAACCTTCAGGAGAAATTTGGCTGG
 GAAATGAGTTTGTTCGCAACTGACTAATCAGCAACGCTATGTGCTTAAAATACACCTTAAAGACTGGGA
 AGGGAATGAGGCTTACTATTGTATGAACATTTCTATCTCAAGTGAAGAACTCAATTAAGATTAC
 CTTAAAGGACTTACAGGGACAGCCGGCAAAATAAGCAGCATCAGCCAACCAGGAAATGATTTAGCACAA
 AGGATGGAGACAACGACAAATGTATTTGCAAAATGTTCAAAATGCTAACAGGAGGCTGGTGGTTGATGC
 ATGTGGTCCTTCCAACCTTGAACGGAATGTACTATCCACAGAGGCAGAACACAAATAAGTTCAACGGCATT
 AAATGGTACTACTGAAAGGCTCAGGCTATTCGCTCAAGGCCACAACCATGATGATCCGACCAGCAGATT
 TC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC225727 representing NM_001118888
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MWQIVFFTLSCDLVLAAYNNFRKSMDSIGKKYQVQHGSCSYTFLLPEMDCRSSSSPYVSNVQRDAP
 LEYDSSVQRLQVLENIENNTQWLMKVLNQTRLELQLLEHSLSTNKLEKQILDQTSEINKLQDKNSFLE
 KKVLAAMEDKHIQLQSIKEEKDQLQVLVSKQNSIEELEKKIVTATVNNSVLQKQHDLMETVNNLLTMM
 STSNSAKDPTVAKEEQISFRDCAEVFKSGHTTNGIYTLTFPNSTEEIKAYCDMEAGGGWTIIQRREDGS
 VDFQRTWKEYKVGFGNPSGEYWLGNFVSQLTNQRYVLKIHLKDWEGNEAYSLYEHFYLSSSEELNYRIH
 LKGLTGTAGKISSISQPGNDFSTKGDNDKICKCSQMLTGGWFFDACGPSNLNGMYYPQRQNTNKFNGI
 KWYYWKGSGYSLKATMMIRPADF

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:

AAV-2

ACCN:

NM_001118888

ORF Size:

1332 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_001118888.1</u>
RefSeq ORF:	1335 bp
Locus ID:	285
UniProt ID:	<u>O15123</u>
Cytogenetics:	8p23.1
MW:	50.96 kDa