

Product datasheet for **RC219398A1V**

Human Angiopoietin 1 (ANGPT1) (NM_001146) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human Angiopoietin 1 (ANGPT1) (NM_001146) AAV Particle
Tag:	Myc-DDK
Symbol:	Angiopoietin 1
Synonyms:	AGP1; AGPT; ANG1; HAE5
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC219398 representing NM_001146
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCCGCATCGCC

ATGACAGTTTTCTTTCTTTGCTTTCTCGTCCATTCTGACTCACATAGGGTGCAGCAATCAGCGCC
 GAAGTCCAGAAAACAGTGGGAGAAGATATAACCGGATTCAACATGGGCAATGTGCTACACTTTCTTCT
 TCCAGAACACGATGGCAACTGTCGTGAGAGTACGACAGACCAGTACAACACAAACGCTCTGCAGAGAGAT
 GCTCCACACGTGGAACCGGATTTCTCTTCCAGAACTTCAACATCTGGAACATGTGATGGAATAATTATA
 CTCAGTGGCTGCAAACTTGAATACATTGTGAAAACATGAAGTCGGAGATGGCCAGATACAGCA
 GAATGCAGTTCAGAACACACGGCTACCATGCTGGAGATAGGAACAGCCTCCTCTCAGACTGCAGAG
 CAGACCAGAAAGCTGACAGATGTTGAGACCCAGGTACTAAATCAAATCTCGACTTGAGATACAGCTGC
 TGGAGAATTCATTATCCACCTACAAGCTAGAGAAGCAACTTCTCAACAGACAAATGAAATCTTGAAGAT
 CCATGAAAAAAGCAGTTTATTAGAACATAAAATCTTAGAAATGGAAGGAAAAACAGGAAGAGTTGGAC
 ACCTTAAAGGAAGAGAAAAGAGAACCTTCAAGGCTTGGTTACTCGTCAAACATATATAATCCAGGAGCTGG
 AAAAGCAATTAACAGAGCTACCACCAACAACAGTGTCTTCAAGAGCAGCAACTGGAGCTGATGGACAC
 AGTCCACAACCTTGTCATCTTTGCACTAAAGAAGGTGTTTTACTAAAGGGAGGAAAAAGAGAGGAAGAG
 AAACCATTTAGAGACTGTGCAGATGTATATCAAGCTGGTTTTAAATAAAGTGGAACTACACTATTTATA
 TTAATAATATGCCAGAACCCAAAAAGGTGTTTTGCAATATGGATGTCAATGGGGGAGGTTGGACTGTAAT
 ACAACATCGTGAAGATGGAAGCTAGATTTCCAAGAGGCTGGAAGGAATATAAAATGGGTTTTGGAAT
 CCCTCCGGTGAATATTGGCTGGGAATGAGTTTATTTTGGCATTACAGTCAGAGGCAGTACATGCTAA
 GAATTGAGTTAATGGACTGGGAAGGGAACCGAGCCTATTCACAGTATGACAGATTCACATAGGAAATGA
 AAAGCAAAACTATAGGTTGTATTTAAAGGTCACACTGGGACAGCAGGAAAAACAGAGCAGCCTGATCTTA
 CACGGTCTGATTTAGCACTAAAGATGCTGATAATGACAACTGTATGTGCAATGTGCCTCATGTTAA
 CAGGAGGATGGTGGTTTGTGCTGTGGCCCTCCAATCTAAATGGAATGTTCTATACTGCGGGACAAAA
 CCATGGAAAACTGAATGGGATAAAGTGGCACTACTTCAAGGGCCAGTTACTCCTTACGTTCCACAAC
 ATGATGATTCGACCTTTAGATTTT

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC219398 representing NM_001146
 Red=Cloning site Green=Tags(s)

MTVFLSFAFLAAILTHIGCSNQRRSPENSGRRYNRIQHGCAYTFILPEHDGNCRETTDQYNTNALQRD
 APHVEPDFSSQKLQHLEHVMENYTQWLQKLENYIVENMKSEMAQIQNAVQNHTATMLEIGTSLLSQTAE
 QTRKLTQVETQVLNQTSRLEIQLENSLSTYKLEKQLLQQTNEILKIEKNSLLEHKILEMEGKHKEELD
 TLKEEKENLQGLVTRQTYIIQELEKQLNRATTNNSVLQKQLELMDTVHNLVNLCTKEGVLLKGGKREEE
 KPFRDCADVYQAGFNKSGIYTIYINNMPEPKVFNCMDVNGGWTVIQHREDGSLDFQRGWKEYKMGFGN
 PSGEYWLGNFIFAITSQRQYMLRIELMDWEGNRAYSQYDRFHIGNEKQNYRLYLKGHGTAGKQSSIL
 HGADFSTKDADNDNCMCKCALMLTGGWWFDACGPSNLNGMFYTAGQNHGKLNGIKWHYFKGPSYSLRSTT
 MMIRPLDF

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:

AAV-2

ACCN:

NM_001146

ORF Size:

1494 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_001146.3</u>
RefSeq Size:	4338 bp
RefSeq ORF:	1497 bp
Locus ID:	284
UniProt ID:	<u>Q15389</u>
Cytogenetics:	8q23.1
MW:	57.3 kDa