

Specifications:

Gene:	<i>m</i> Angptl2
Accession:	AAD55358
Insert size:	1495bp
Concentration:	10µg at 0.2µg/µL

Description

This shuttle vector contains the complete ORF for the gene of interest, along with a Kozak consensus sequence for optimal translation initiation. It is inserted NotI to AscI. The gene insert is flanked with convenient multiple cloning sites which can be used to easily cut and transfer the gene cassette into your desired expression vector.

Preparation and Storage

Formulation	cDNA is provided in 10 mM Tris-Cl, pH 8.5
Shipping	Ships at ambient temperature
Stability	1 year from date of receipt when stored at -20°C to -80°C
Storage	Use a manual defrost freezer and avoid repeated freeze-thaw cycles.

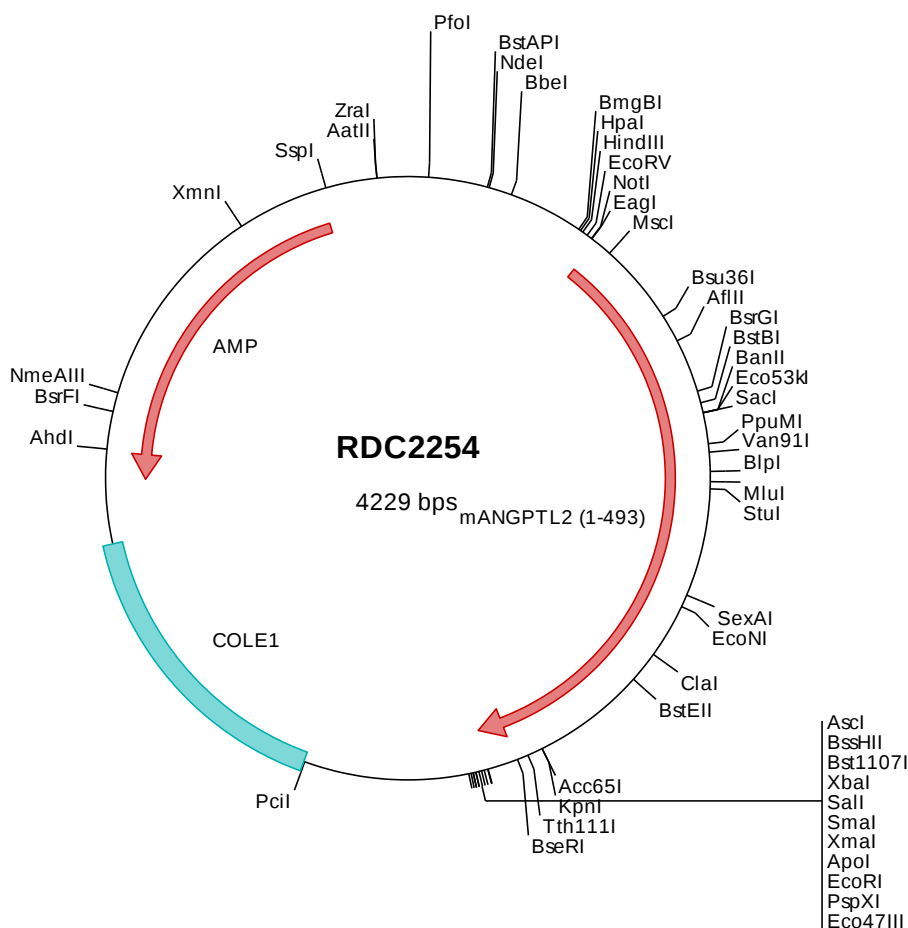
*m*Angiopoietin-like 2 cDNA Plasmid

Angptl2 angiopoietin-like 2
[*Mus musculus* (house mouse)]

Also known as: Arp2; AI593246;
AW260363

Summary:

ANGPTL2 is a secreted glycoprotein with homology to the angiopoietins and may exert a function on endothelial cells through autocrine or paracrine action.



> RDC2254 Plasmid DNA Sequence

```

1   tcgcgcgcttt cggatgatgac ggtgaaaacc tctgacacat gcagctcccc gagacgggtca cagcttgtct gtaagcggat gccgggagca gacaagcccg
101  tcagggcgcg tcagcgggtg ttggcgggtg tcggggctgg ctttaactatg cggcatcaga gcagattgta ctgagagtgc accatatgcg gtgtgaaata
201  ccgcacacgat gcgtaaggag aaaataccgc atcaggcgcc attcgccatt caggctgcgc aactgttggg aagggcgatc ggtgcgggcc tcttcgctat
301  tacgccagct ggcgaaaagg ggaatgtctg caaggcgatt aagtttggta agccagggtt tttcccgatc acgacgttgt aaaacgacgg ccagtgtaatt
401  ggagacgtgt taacaagctt ggatccgata tcgctagcgc ggccgcacc atgagacccc tgtgtatgac ctactggtgg cttggactgc tgcccacggt
501  cggagctgct acaggccacg aggctgacgt tgagggcaca gaggatggtt cacagagaga gtacatttac ctcaacaggt acaagcgggc aggtagtcc
601  cccgcacaagt gcacctacac tttcaattgt ccccagcagc gggtcacagg tgccatttgt gtcaactcca aggagcctga ggtgcacctg gagaacctg
701  tgcaacaagca ggagctggag ctgtccaaca atgagctgct taagcagaag cggcagatcg agacgctgca gcagctggtg gaggtagacg gaggtatcgt
801  gagcgaggtg aagctgtctg gcaaggagag ccgcaacatg aactcgagag tcacgcagct gtacatgcaa cttctacatg agatcattcg aaagcgagac
901  aatgcgctgg agctctccca gctgggagac aggatcctga accagacagc tgacatgctg cagctggcta gcaagtacaa ggacctggag cacaagttcc
1001 agcacctggc tatgtctgca cacaaccaat cagaggctcat tgctcagctc gaagagcact gccaaacgct acctgcagcc aggcctatgc cccagccacc
1101 cccagcagct ccacctcggt tctaccaaac accacacctac aaccgcacat tcacaccgat ttccaccaat gagatocaga gtgaccagaa tctgaagggtg
1201 ctgcgcgctc ccttgcccac ctatgcctgc cttaccagct tcocatcttc cactgataag ccatcaggtc catggagaga ctgcctgcaa gccctggaag
1301 atggtccacg caccagctcc atctacctgg tgaagcctga gaataccaac cgctgatgac aggtgtggtg tgaccagaga catgacctgc gaggttggac
1401 tgtcatccag agacgctctg atggtctctg caactctctc aggaactctg agacctataa gcaagggttt gggaacatcg atggtgagta ctggtctgggc
1501 ctggagaaca tctactggct gaacgaacca ggcaactaca aactgtctgt aacctggag gactggtctg gccgtaaagt ctttgtctgag tatgccagtt
1601 tcgcagctgg caccagctcc aggtactata agctcggctg ggggcgctat caggtgcaat caggcgactc ctttacctgg cacaacggca aacagtttac
1701 caacctggac agggaacctg atgtctacac aggaactctg gcccaactac agaaggagg atggtggtat aacgcctgtg ctcaactcaa cctcaatggg
1801 gtctggtaac gtgggggcca ttaccgggag agataccagg acggggtcta ctgggctgag ttccaggagg gctcttactc actcaagaag gtgtgtatga
1901 gtattcgctc taaccccgca atcttccaact aaaggcgctc cagtatactc tagagtgcac acccggggaa ttctctgagc gctcgtctct agcttggcgt
2001 aatcatggtc atagctgttt cctgtgtgaa attgttatcc gctcacaatt ccacacaaca tacgagcccg aagcataaag tgtaaagcct ggggtgccta
2101 atagtgagc taactcacat taattgcgtt gcgctcactg cccgcctttc agctcggtgaa ctgtcgtg cagctgcatt aatgaatcgg ccacgcgcg
2201 gggagagcgc gtttgcgtat tgggcgctct tcgccttctc cgctcactga ctcgctgcgc tcggctgttc ggctgcggcg agcggtatca gctcactcaa
2301 agggcgtaat acggttatcc acagaaatcag gggataacgc aggaagaac atgtgagcaa aaggccagca aaaggccagg aacctgaaa aggcccgctt
2401 gctggcgctt ttccatagcg tcgcgcccc tgacgagcat cacaaaaaat gacgtccaag tcagaggtgg cgaacccgca caggactata aagataccag
2501 gcgtttcccc ctggaagctc cctcgtgcgc ttctctgttc cgacctgcc gcttacccga tacctgtccg ctcttctccc ttcgggaagc gtggcgcttt
2601 ctcaatgtct acgctgtagg gatctcagtt cgggtgtagt cggtcgctcc aagctgggct gtgtgcacga accccccgtt cagcccgacc gctgcgcctt
2701 atccggtaac tatcgtcttg atgtccaacc ggtaagacac gacttatcgc cactggcagc agccactggt aacaggatta gcagacgag gtatgtaggc
2801 ggtgctacag agttcttgaa gtgggtggct aactacggct acactagaag gacagtat ggtatctgcg ctctgctgaa gccagttacc ttcgggaaaa
2901 gagttggtag ctcttgatcc ggcaaacaaa ccaccgctgg tagcgggtgt ttttttgtt gcaagcagca gattacgcgc agaaaaaag gatctcaaga
3001 agatcccttg atcttttcta cggggtctga cgctcagttg aacgaaaaat cacgttaaag gattttggtc atgagattat caaaaaggat cttaccctag
3101 atccttttaa attaaaaaat aagtttttaa tcaatctaaa gtatatatga gtaaaacttg tctgacagtt accaatgctt aatcagtgag gcacctatct
3201 cagcgatctg tctatttcgt tcattccatag ttgcctgact ccccgtcgtg tagataacta cgatacggga gggcttacca tctggcccca gtgctgcaat
3301 gataccgcga gacccacgct cacccgctcc agattttatca gcaataaaac agccagcccg aagggccgag cgcagaagtg gtcctgcaac tttatccgcc
3401 ttccatccagt ctattaattg ttgccgggaa gctagagtaa gtagttcgcc agttaatagt ttgcgcaacg ttgttgccat tgctacaggc atcgtgggtg
3501 cacgctcgct gtttgggatg gcttcattca gctccggttc ccaacgatca aggcgagtta catgatcccc catgttgtgc aaaaaagcgg ttagctcctt
3601 cggtcctccg atcgtttgca gaagtaagtt ggccgcagtg ttatcactca tgggttatgg agcaactgcat aattctctta ctgtcatgcc atccgtaaga
3701 tgcctttctg tgactggtga gtactcaacc aagtcatctc gagaatagtg tatgcggcga cagagttgct cttgcccggc gtcaatacgg gataataccg
3801 cgccacatag cagaacttta aaagtgtcta tcattggaaa acgtttcttc ggggcgaaac tctcaaggat cttaccgctg ttgagatcca gttcgatgta
3901 accactcgt gcacccaact gatcttcagc atcttttact ttcaccagcg ttctgtgggt agcaaaaaca ggaaggcaca atgccgcaaa aaagggaata
4001 agggcgacac ggaatgttg aatactcata ctcttccctt ttcaatat ttgaagcatt tatcagggtt attgtctcat gagcggatac atatattgaat
4101 gtatttagaa aaataaacaa atagggtgtc cgcgacacat ttcccgaaaa gtgccacctg acgttctaaga aaccattatt atcatgacat taacctataa
4201 aaataggcgt atcacgagcg cctttcgtc

```

> RDC2254 Translated Insert Sequence

```

1   mrplcmtyww lgllatvgaa tgpdeadvegt edgsqreyiy lnrykrages pdkctytftv pqqrvtgaic vnskepevhl enrvhkqele llnnellkqk
101  rqieltlqqlv evdggivsev kllrkesrnm nsrvtqlymq llheirikrd nalelsqlen rilnqtadml qlaskykdle hkfqhqlamla hmqseviaql
201  eehcqrvpaa rpmpqpppaa pprvyqppty nriingistn eiqsdqnlkv lpslptmpa ltlslpsstdk psgpwrclq aledghstss iylvkpentin
301  rlmqvwcdqr hdpqgwviq rrlqgsvnf rrwetykqgf gnidgeywlq leniywltnq gnyklvtme dwsgrkvfae yasfrlepes eyyklrlgry
401  hgnagdsftw hngkqfittld rdhdvtygnc ahyqkggwwy nacahsnlmg vwyrghghys ryqdgvywae frggsyslkk vvmirpnpd ifh

```