

Specifications:

Gene:	<i>h</i> ANGPTL2
Accession:	NP_036230
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.

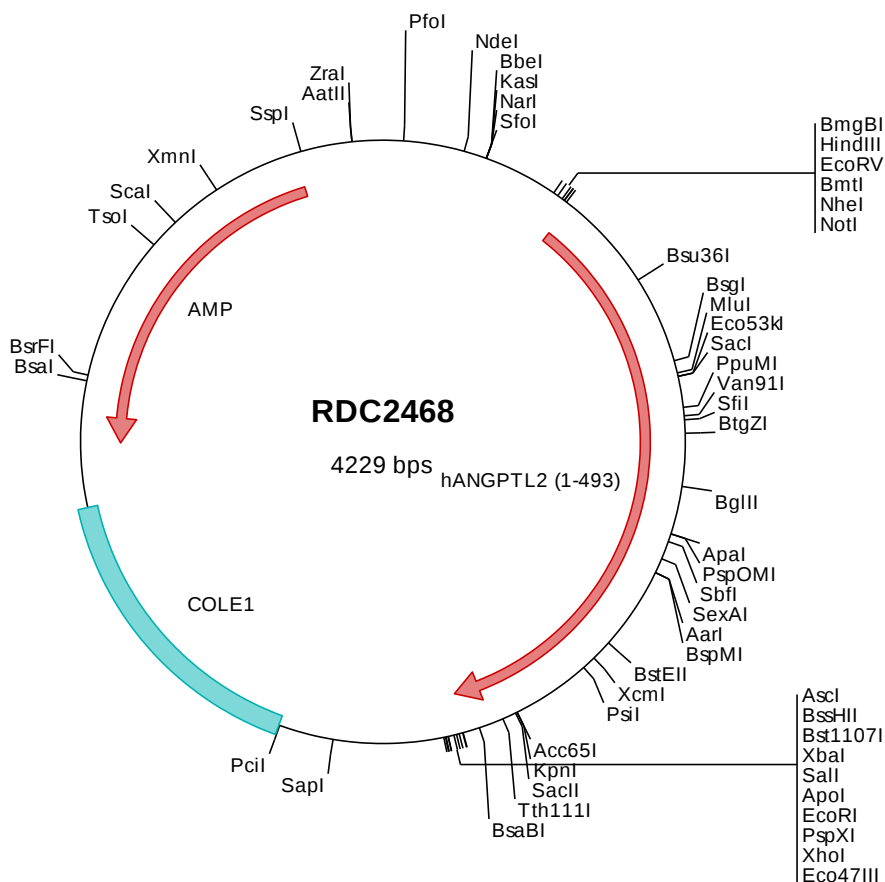
*h*Angiopoietin-like 2 cDNA Plasmid

ANGPTL2 angiopoietin like 2
[*Homo sapiens* (human)]

Also known as: ARP2; HARP

Summary:

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



> RDC2468 Plasmid DNA Sequence

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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 ggcgaaaggg ggatgtgctg caaggcgatt aagtttggga atgccagggt tttcccgatc acgacgttgt aaaacgacgg ccagtgaatt
401  ggagacgtgt taacaagctt ggatccgata tcgctagcgc ggccgccaac atgaggccac tgtcgtgac atgctgtggg ctcggaactgc tggctgccat
501  gggagctgtt gcaggccagg aggacggttt tgagggcact gaggagggtc cgccaagaga gttcatttac ctaaaacaggt acaagcgggc gggcgagtcc
601  caggacaagt gcacctacac ctctattgtg cccagcagc gggtcacggg tgccatctgc gtcaactcca aggagcctga ggtgtctctg gagaaccgag
701  tgcataagca gggagctagag ctgctcaaca atgagctgct caagcagaag cggcagatcg agacgtgca gcagctgttg gagggtggac gcgcatgtgt
801  gaggcaggtg aagctgtctg gcaaggagag ccgcaacatg aactcgcggg tcacgcagct ctacatgcag ctctgcacg agatcatccg caagcgggac
901  aacgcgttgg agctctccca gctggagAAC aggatcctga accagacagc cggcgagctt gaggagcact gccagagggt gccctcgccc aggcctgtcc cccagccacc
1001 agcacctggc caccctcgcc cacaaccaat cagagatcat cgcgcagctt ccaaccagat ctctaccaac gagatocaga gtgaccagaa cctgaagggtg
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1701 caccctggac agagatcatc atgtctacac aggaaactgt gcccaactacc agaagggagg ctggtgtgat aacgcctgtg cccactccaa cctcaacggg
1801 gtctggtaac gcgggggcca ttaccggagc cgtaccaggc acggagtcta ctgggctgag ttccaggagg gctcttactc actcaagaaa gtgtgtatga
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2001 aatcatgtgc atagctgttt cctgtgtgaa attgttatcc gctcacaatt ccacacaaca tacgagcccg aagcataaag tgtaaagcct ggggtgccta
2101 atgagttagc taactcacat taattgcgtt cgcgtcactg cccgctttcc cctcactga agtcgggaaa cctgtcgtgc cagctgcatt atgtaatcgg ccaacgcgcg
2201 gggagaggcg gtttgcgtat tgggcgtctc tcgctctctc cgtcactga ctcgctcgcc tcggtcgttc cagctgcatt agcgtgtatca gctcactcaa
2301 agggcgtaac accgttatcc acagatccag gggataacgc aggaagaac atgtgagcaa aaggccagca aaaggccagg aaccgtaaaa agggcgcgtt
2401 gctggcgctt ttccataggc tcgcgcccc tcagcagcat cacaanaatc gacgtcgaag gcttacggga tacctgtccg cagaaaccca caggactata aagataccag
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2601 ctcaatgtgc accgtgtagg tatctcagtt cgggtgtagg cgttcgctcc aagctggggt ggtgtgacga acccccgctt cagcccgacc gctgcgcctt
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4001 agggcgacac ggaatgttg aatactcata ctcttccctt ttcaatatta ttgaagcatt tatcagggtt attgtctcat gagcggatc atatttgaat
4101 gtatttagaa aataaacc aaatagggttc cgcgcacatt tccccgaaa gtgccacctg acgtctaaga aaccattatt atcatgacat taacctataa
4201 aaataggcgt atcacgaggc cctttcgtc

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> RDC2468 Translated Insert Sequence

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1   mrplcvtcw lglilaamgav aggedgfege eegsprefiy lnrykrages qdkctytfiv pqqrvtgaic vnskepevll enrvhkqele llnnellkqk
101  rgietlqqlv evdggivsev kllrkesrnm nsrvtqlymq llheirikrd nalelsqlen rilnqtadml qlaskykdle hkyghlatla hngseiaaql
201  eehcqrpsa rvpvpqpppaa pprvyqppty nriinqistn eiqsdknlkv lppplptmpt ltslpsstdk psgpwrclq aledghdtss iylvkpentn
301  rlmqvwcdqr hdpqgwtviq rrlgsvnf rnwetykggf gnidgeywl leniywltng gnykllvtme dwsgrkvfae yasfrlepes eyyklrlgry
401  hgnagsdftw hngkqfttld rdhdvytgnc ahyqkggwyw nacahsnlmg vwyrghyrs ryqdgvywae frggsylskk vvmirpnpn tfh

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