

Specifications:

Gene:	<i>h</i> APOH
Accession:	NP_000033
Insert size:	1051bp
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.

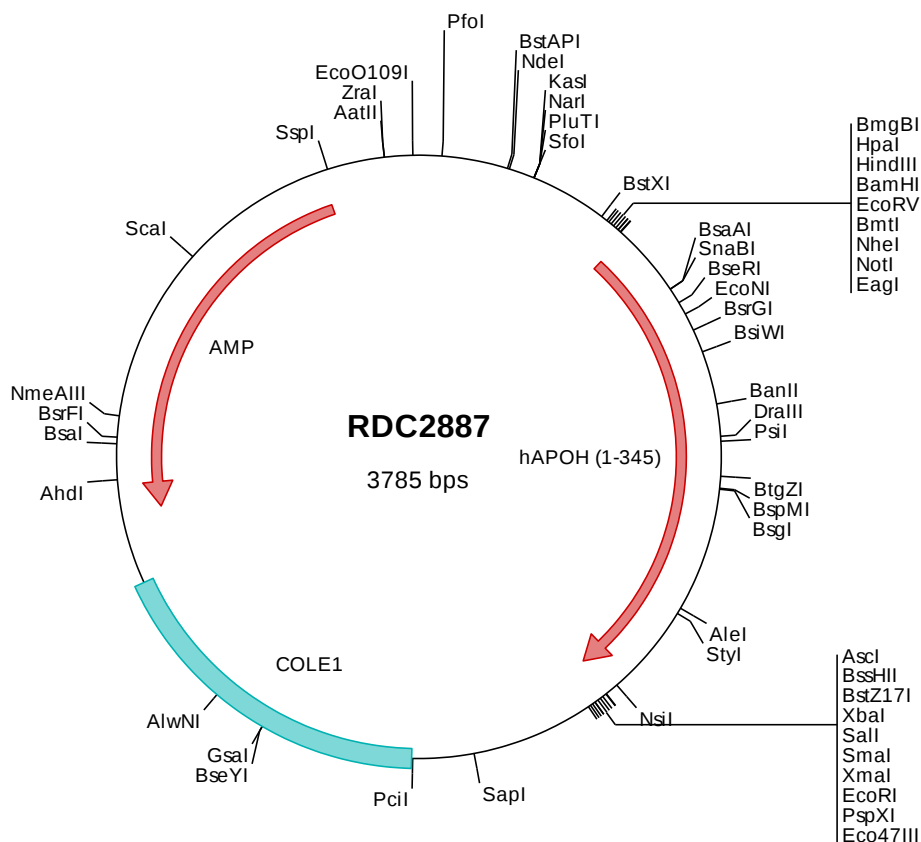
*h*Apolipoprotein H cDNA Plasmid

APOH apolipoprotein H [*Homo sapiens* (human)]

Also known as: BG; B2G1; B2GP1

Summary:

APOH has been implicated in a variety of physiologic pathways including lipoprotein metabolism, coagulation, and the production of antiphospholipid autoantibodies. APOH may be a required cofactor for anionic phospholipid binding by the antiphospholipid autoantibodies found in sera of many patients with lupus and primary antiphospholipid syndrome, but it does not seem to be required for the reactivity of antiphospholipid autoantibodies associated with infections.



> RDC2887 Plasmid DNA Sequence

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1   tcgcgcgctt cggatgatgac ggtgaaaaac tctgacacat gcagctcccc gagacggtca cagcttgtct gtaagcggat gccgggagca gacaagcccg
101  tcagggcgcg tcagcgggtg ttggcgggtg tcggggctgg ctttaactatg cggcatcaga gcagattgta ctgagagtgc accatatgcg gttgtgaaata
201  ccgcacacgat gcgtaaggag aaaataccgc atcaggcgcc attcgccatt caggctgcgc aactgttggg aagggcgatc ggtgcgggcc tcttcctat
301  tacgccagct ggcgaaaggg ggatgtgtcg caaggcgatt aagttgggta acgccagggt tttcccagtc acgacgttgt aaaacgacgg ccagtgaatt
401  ggagacgtgt taacaagctt ggtccgata tcgctagcgc ggccgccaacc atgatttctc cagtgtctcat ctgttctctg agttttctct gccatgttgc
501  tattgcagga cggacctgtc ccaagccaga tgatttacca ttttccacag tggctccggt aaaaacatto tatgagccag gagaagagat tacgtattcc
601  tgcaagcogg gctatgtgtc ccgaggaggg atgagaaagt ttatctgccc tctcacagga ctgtggccca tcaacactct gaaatgtaca ccagagtat
701  gtccttttgc tggaaattta gaaaaaggag ccgtacgcta tacgactttt gaatatccca acacgatcag tttttcttgt aacactgggt tttatctgaa
801  tggcgctgat tctgccaagt gcactgagga aggaaaatgg agcccgagc ttcctgtctg tgcctccatc atctgccctc caccatccat acctacgttt
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1801 cactgactcg ctgcgctcgg tgcgttcggc gcggcgagcg gtatcagctc actcaaaagg ggtaaatcgg ttatccacag aatcagggga taacgcagga
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3601 atattattga agcatttatc agggttattg tctcatgagc ggatacatat ttgaattgat ttagaaaaat aaacaaatag ggttcccgcg cacatttccc
3701 cgaaaagtgc cacctgacgt ctaagaacc attattatca tgacattaac ctataaaat aggcgtatca cgaggccctt tcgtc

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> RDC2887 Translated Insert Sequence

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1   mispvllifs sflchvaiag rtcpkpddlp fstvvpkltf yepgeeitys ckpgyvrrgg mrkficpltg lwpintlktc prvcpfagil engavryttf
101  eyntisfisc ntgfyln gad sakcteeqkw spelpvcapi icpppsiptf atlrvykpsa gnnslyrda vfeclpqham fgndtitctt hgnwtklpec
201  revkcpfpr pdngfvnypa kptlyykdka tfgchdgy sl dgpeieectk lgnwsampsc kasckvpvkk atvvvyggerv kiqekfkngm lhgdksvffc
301  knkekkcsyt edaqcidgti evpkcfkehs slafwktdas dvkpc

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