

Specifications:

Gene:	hANGPT1
Accession:	NP_001137.2
Insert size:	1509bp
Concentration:	10µg at 0.2µg/µL

hAngiopoietin-1 cDNA Plasmid

ANGPT1 angiopoietin 1 [*Homo sapiens* (human)]

Also known as: AGP1; AGPT; ANG1; HAE5

Summary:

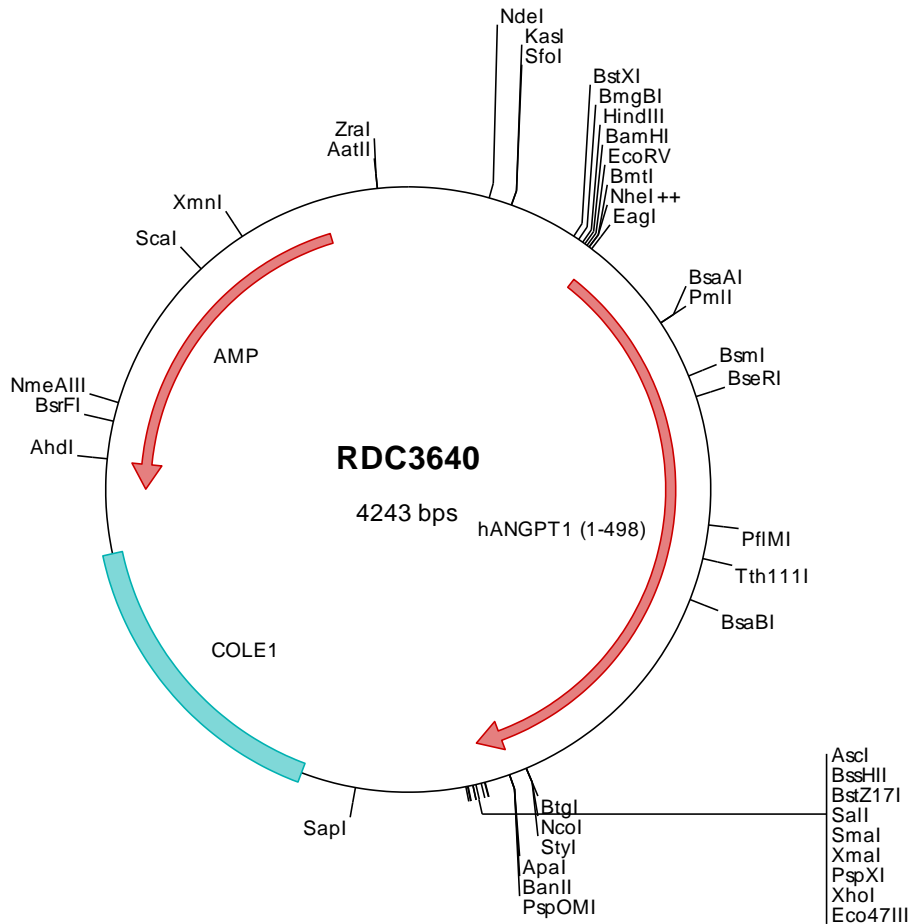
Angpt1 is a secreted glycoprotein that belongs to the angiopoietin family of vascular growth factors. Angpt1 is a ligand in the vascular tyrosine kinase signaling pathway and regulates the formation and stabilization of blood vessels. It also functions in striated muscles by promoting proliferation, migration and differentiation of skeletal myoblasts and plays an essential role in the vascular response to tissue injury.

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.



> RDC3640 Plasmid DNA Sequence

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1 tcgctgctgtt cgggtgatgac ggtgaaaaacc totgacacat gcagctcccc gagacgggtca cagcttgtct gtaagcggat gccggggagca gacaagcccc
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> RDC3640 Translated Insert Sequence

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