

Specifications:

Gene:	rAngpt2
Accession:	NP_604449
Insert size:	1504bp
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.

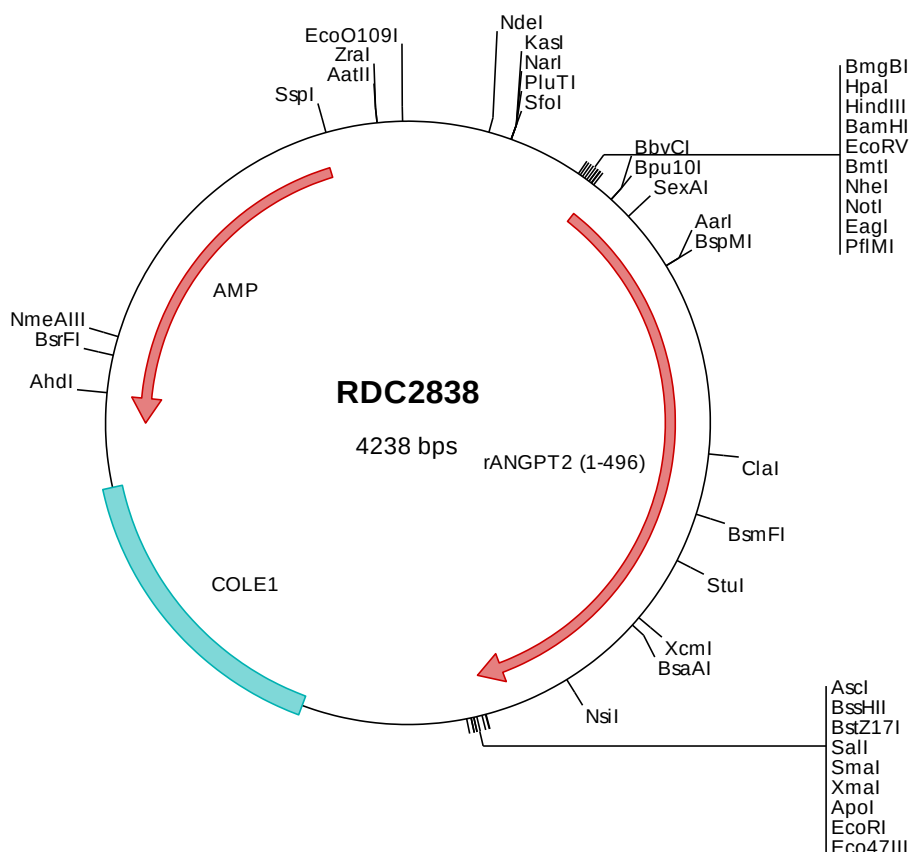
rAngiopoietin-2 cDNA Plasmid

Angpt2 angiopoietin 2 [*Rattus norvegicus* (Norway rat)]

Also known as: Agpt2; Ang-2

Summary:

ANPGT2 is an antagonist of angiopoietin 1 (ANGPT1) and endothelial TEK tyrosine kinase (TIE-2, TEK). It disrupts the vascular remodeling ability of ANGPT1 and may induce endothelial cell apoptosis.



> RDC2838 Plasmid DNA Sequence

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> RDC2838 Translated Insert Sequence

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