

Specifications:

Gene:	<i>hATRN</i>
Accession:	NP_647538.1
Insert size:	3832bp
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.

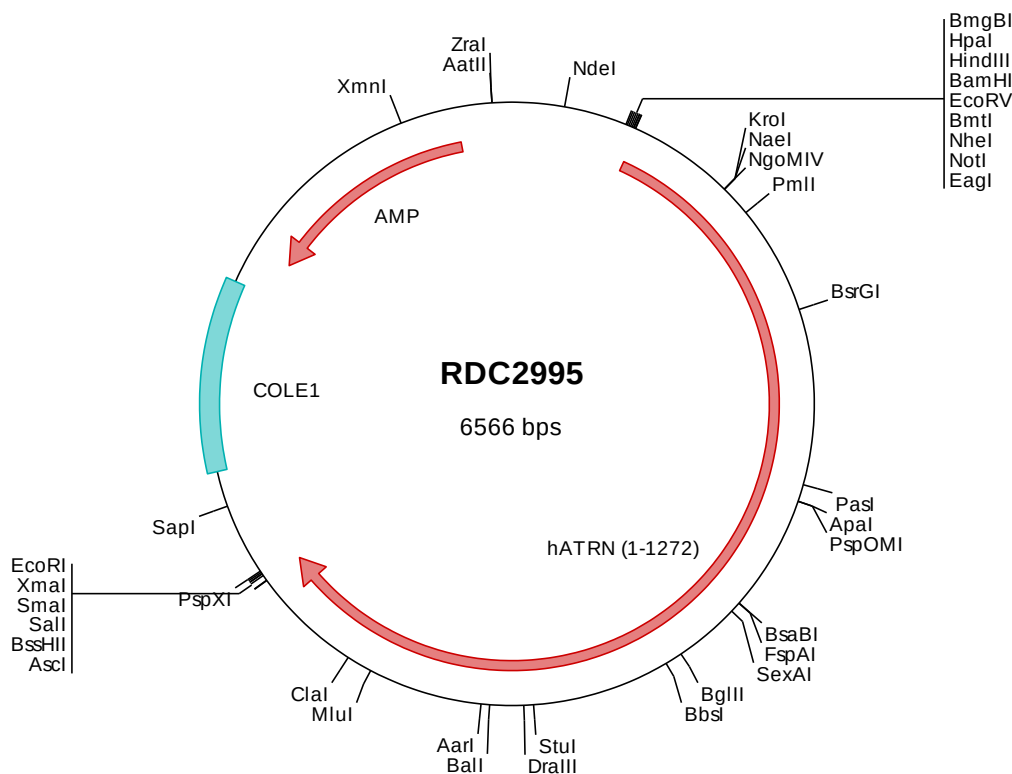
hAttractin cDNA Plasmid

ATRN attractin [*Homo sapiens* (human)]

Also known as: MGCA; DPPT-L

Summary:

Attractin is a transmembrane glycoprotein that shows dipeptidyl peptidase activity similar to DPPIV/CD26. Attractin is involved in a variety of processes including monocyte-T cell adhesion, axon myelination, melanocyte pigment synthesis, and energy homeostasis. Alternate splicing of human Attractin generates a secreted isoform that lacks the transmembrane and cytoplasmic regions. Attractin is transiently upregulated during T cell activation before expression switches to the secreted isoform which is released into the circulation.



FOR RESEARCH USE ONLY

NOT FOR USE IN HUMANS

> RDC2995 Plasmid DNA Sequence

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> RDC2995 Translated Insert Sequence

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