

Specifications:

Gene:	<i>h</i> PAPLN
Accession:	NP_775733
Insert size:	3768bp
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

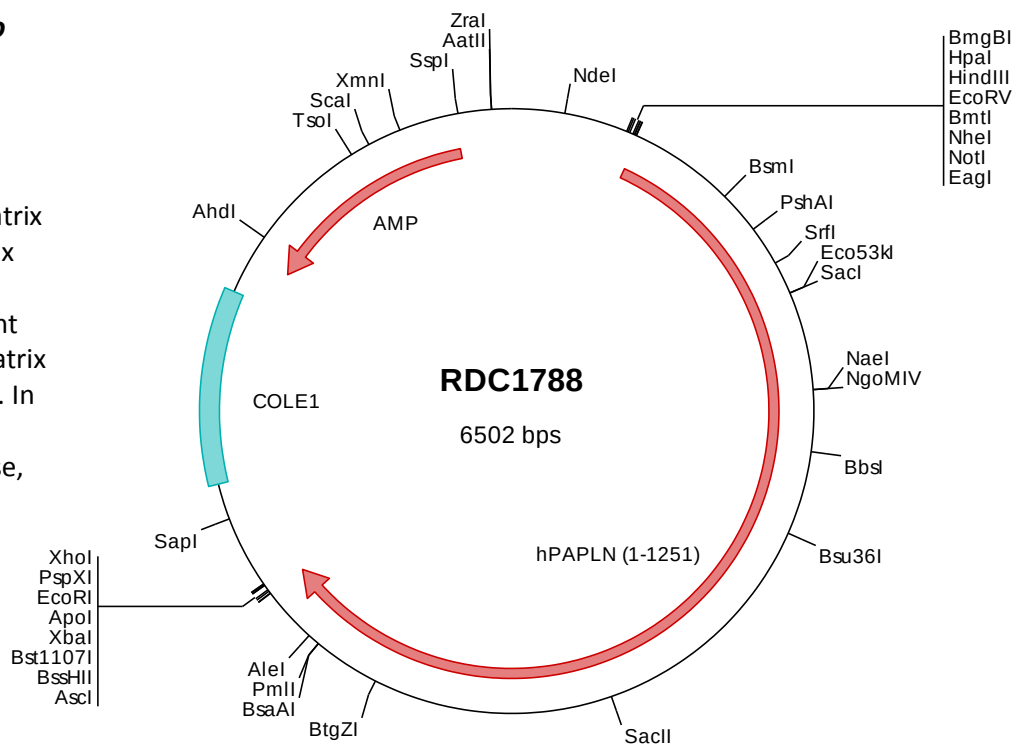
Formulation	cDNA is provided in 10 mM Tris-Cl, pH 8.5
Shipping	Ships at ambient temperature
Stability	1 year from date of receipt when stored at -20°C to -80°C
Storage	Use a manual defrost freezer and avoid repeated freeze-thaw cycles.

*h*Papilin cDNA Plasmid

PAPLN papilin, proteoglycan like sulfated glycoprotein [*Homo sapiens* (human)]

Summary:

PAPLN is an extracellular matrix glycoprotein involved in thin matrix layers during gastrulation, matrix associated with wandering, phagocytic hemocytes, basement membranes and space-filling matrix during *Drosophila* development. In vitro, PAPLN non-competitively inhibits procollagen N-proteinase, an ADAMTS metalloproteinase.



FOR RESEARCH USE ONLY

NOT FOR USE IN HUMANS

> RDC1788 Plasmid DNA Sequence

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> **RDC1788 Translated Insert Sequence**

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