

Specifications:

Gene:	<i>h</i> PLG
Accession:	NP_000292.1
Insert size:	2446bp
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

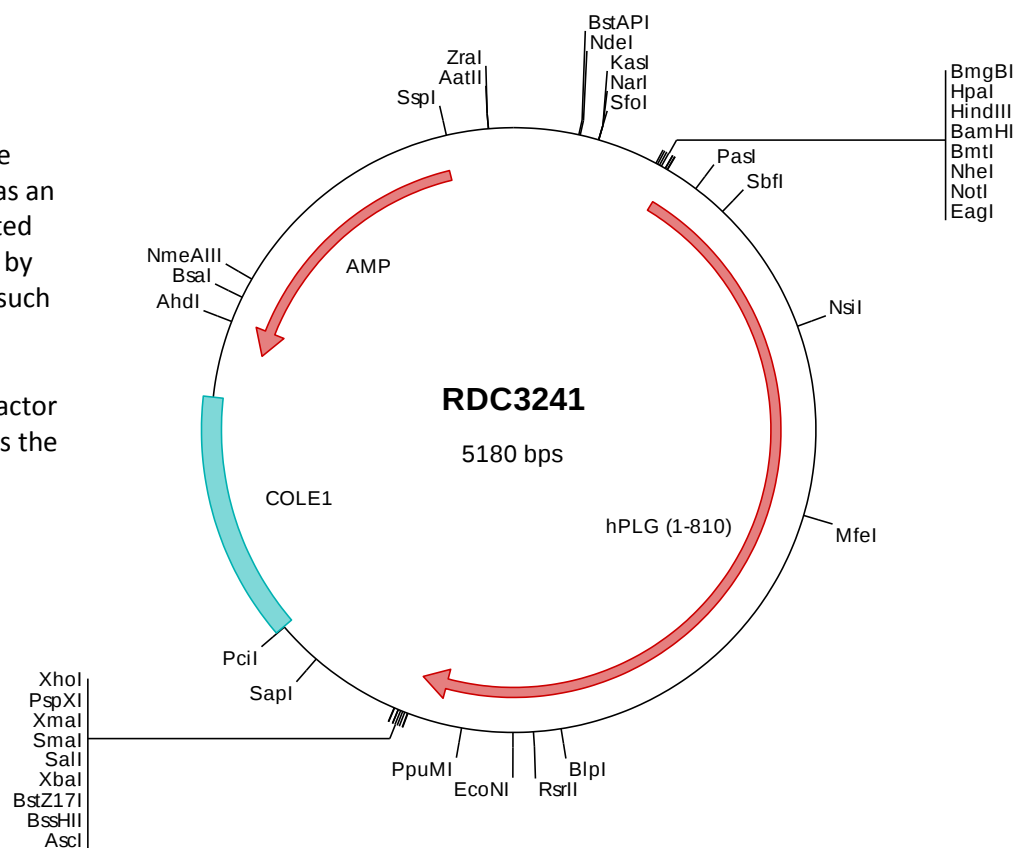
Formulation	cDNA is provided in 10 mM Tris-Cl, pH 8.5
Shipping	Ships at ambient temperature
Stability	1 year from date of receipt when stored at -20°C to -80°C
Storage	Use a manual defrost freezer and avoid repeated freeze-thaw cycles.

*h*Plasminogen cDNA Plasmid

PLG plasminogen [*Homo sapiens* (human)]

Summary:

Plasminogen is a serine protease that circulates in blood plasma as an inactive zymogen and is converted to the active protease, plasmin, by several plasminogen activators such as tissue plasminogen activator (tPA), urokinase plasminogen activator (uPA), kallikrein, and factor XII (Hageman factor). It dissolves the fibrin of blood clots and acts in many other processes such as embryonic development, tissue remodeling, inflammation, and tumor invasion.



FOR RESEARCH USE ONLY

NOT FOR USE IN HUMANS

> RDC3241 Plasmid DNA Sequence

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> RDC3241 Translated Insert Sequence

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