

## Specifications:

Gene:	mSerpine1
Accession:	NP_032897.2
Insert size:	1222bp
Concentration:	10µg at 0.2µg/µL

## mSerpine E1 cDNA Plasmid

**Serpine1 serine (or cysteine) peptidase inhibitor, clade E, member 1 [ Mus musculus (house mouse) ]**

**Also known as:** P; PA; PI; PAI1; PAI-1; Planh1

### Summary:

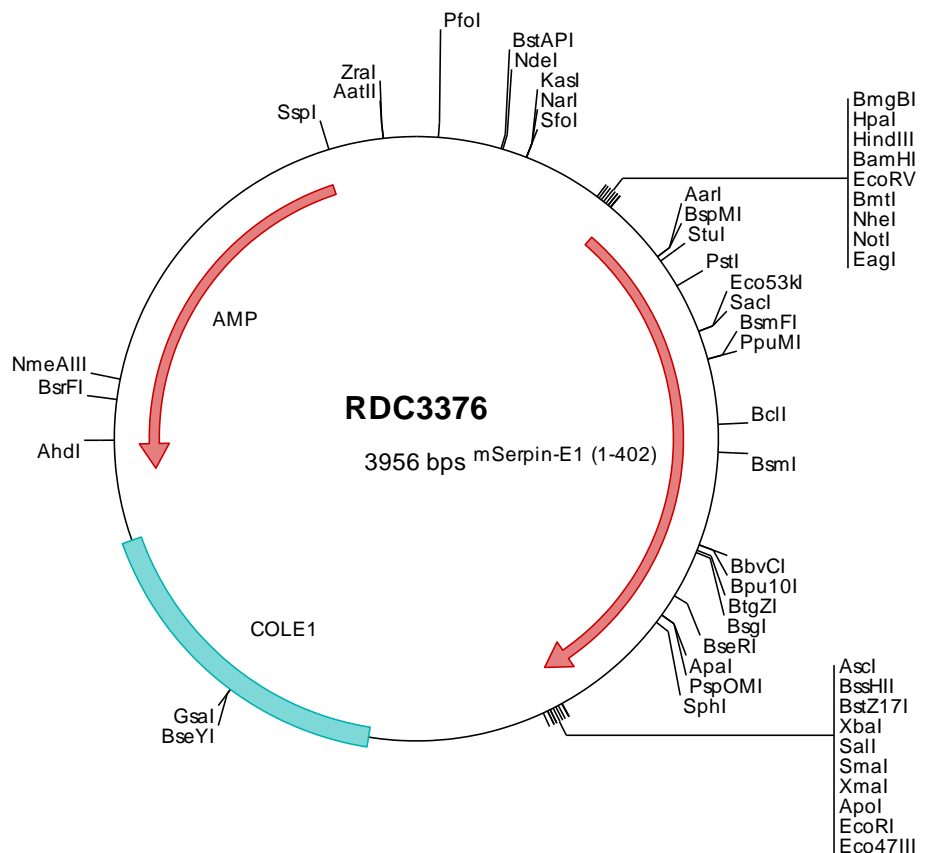
Serpine1 is a serine protease inhibitor that is a primary inhibitor of tissue-type plasminogen activator (PLAT), urokinase-type plasminogen activator (PLAU), and TMPRSS7. It acts as a regulator of cell migration, independently of its role as protease inhibitor. It is required for stimulation of keratinocyte migration during cutaneous injury repair.

## 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.



> RDC3376 Plasmid DNA Sequence

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> RDC3376 Translated Insert Sequence

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401  ep

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