

Specifications:

Gene:	<i>hSERPING1</i>
Accession:	NP_000053.2
Insert size:	1516bp
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.

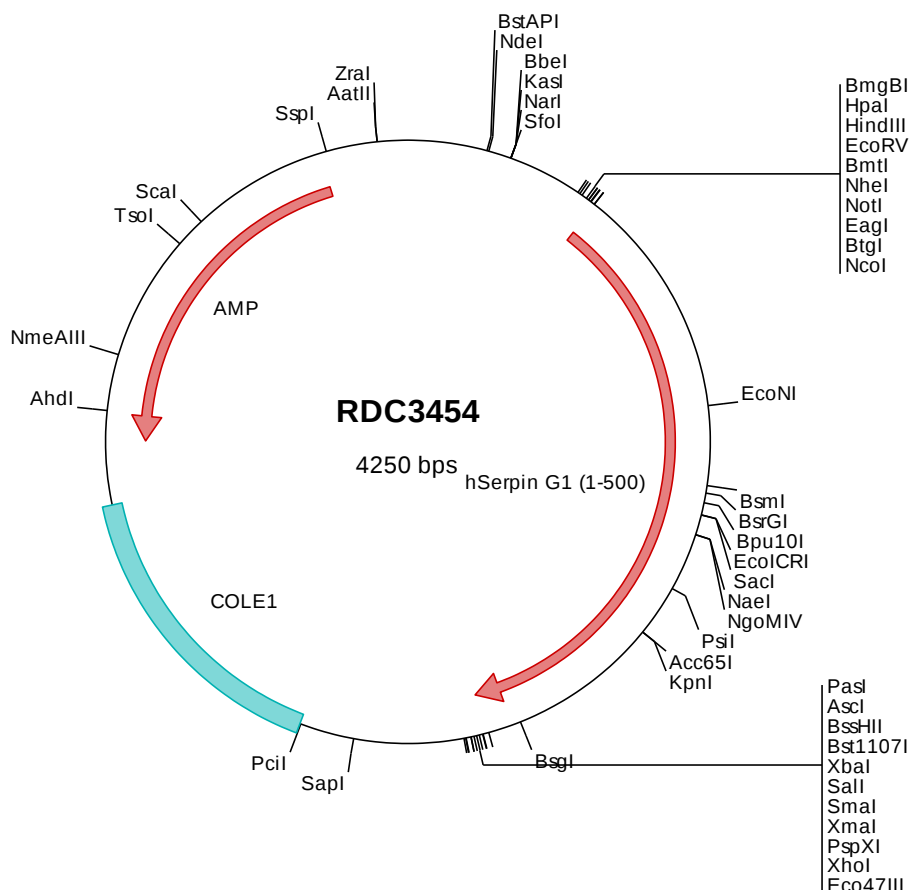
hSerpin G1 cDNA Plasmid

SERPING1 serpin family G member 1 [*Homo sapiens* (human)]

Also known as: C1IN; C1NH; HAE1; HAE2; C1INH

Summary:

Serpin G1 is a highly glycosylated plasma protein involved in the regulation of the complement cascade. It inhibits activated C1r and C1s of the first complement component and thus regulates complement activation. It is synthesized in the liver, and its deficiency is associated with hereditary angioneurotic edema (HANE). Alternative splicing results in multiple transcript variants encoding the same isoform.



> RDC3454 Plasmid DNA Sequence

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> RDC3454 Translated Insert Sequence

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