

Specifications:

Gene:	<i>h</i> HTRA1
Accession:	NP_002766.1
Insert size:	1456bp
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.

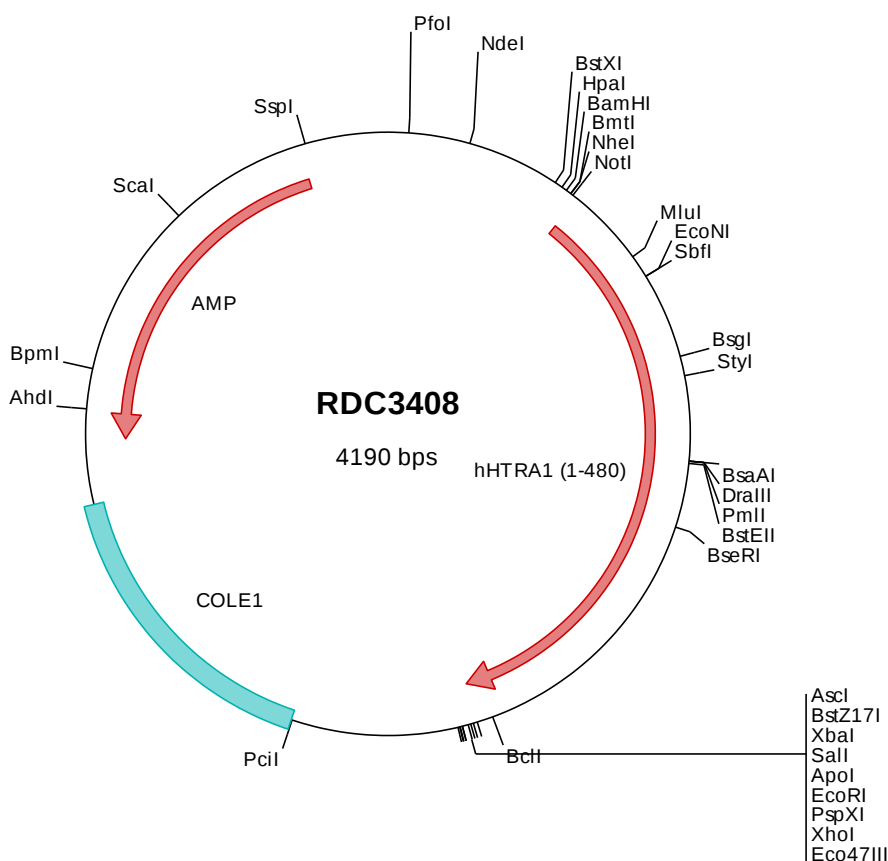
*h*HTRA1/PRSS11 cDNA Plasmid

HTRA1 HtrA serine peptidase 1
[*Homo sapiens* (human)]

Also known as: L56; HtrA; ARMD7;
ORF480; PRSS11; CARASIL;
CADASIL2

Summary:

HTRA1 is a member of the trypsin family of serine proteases. It is a secreted enzyme that is proposed to regulate the availability of insulin-like growth factors (IGFs) by cleaving IGF-binding proteins. It has also been suggested to be a regulator of cell growth. Variations in the promoter region of HTRA1 are the cause of susceptibility to age-related macular degeneration type 7.



FOR RESEARCH USE ONLY

NOT FOR USE IN HUMANS

> RDC3408 Plasmid DNA Sequence

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> RDC3408 Translated Insert Sequence

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