

Specifications:

Gene:	<i>h</i> CELA2A
Accession:	NP_254275.1
Insert size:	823bp
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.

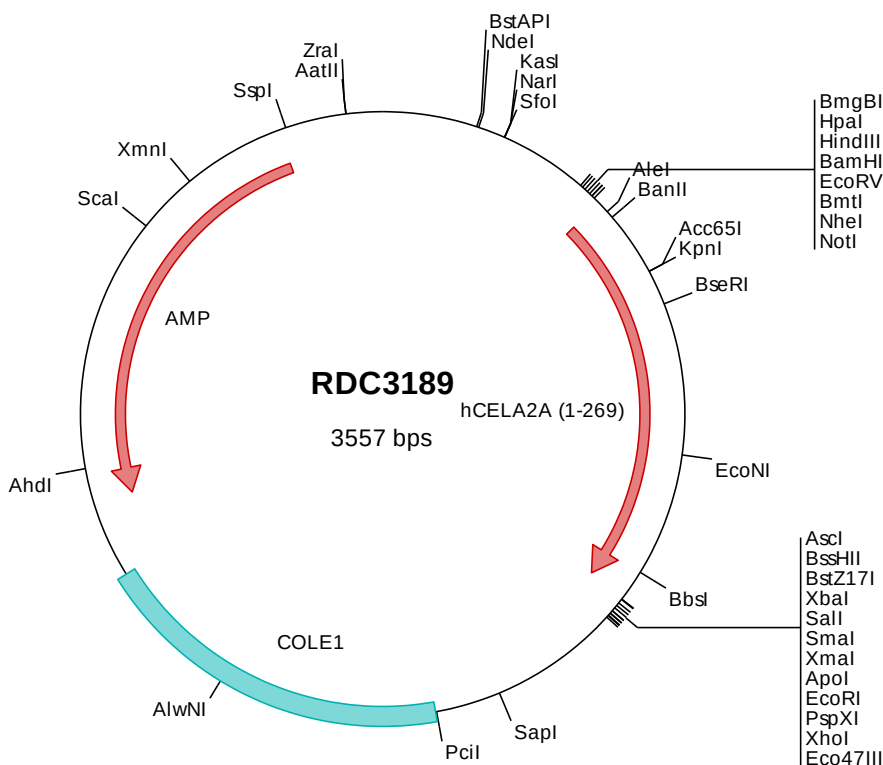
*h*CELA2A/ELA2A cDNA Plasmid

CELA2A chymotrypsin like
elastase 2A [*Homo sapiens*
(human)]

Also known as: PE-1; AOMS4;
ELA2A

Summary:

ELA2A is an elastase. Elastases form a subfamily of serine proteases that hydrolyze many proteins in addition to elastin. Like most of the human elastases, ELA2A is secreted from the pancreas as a zymogen. In other species, ELA2A has been shown to preferentially cleave proteins after leucine, methionine, and phenylalanine residues.



> RDC3189 Plasmid DNA Sequence

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> RDC3189 Translated Insert Sequence

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