

Specifications:

Gene:	<i>hPSEN1</i>
Accession:	NP_015557
Insert size:	1404bp
Concentration:	10µg at 0.2µg/µL

hPresenilin-1 cDNA Plasmid

PSEN1 presenilin 1 [*Homo sapiens* (human)]

Also known as: AD3; FAD; PS1; PS-1; S182

Summary:

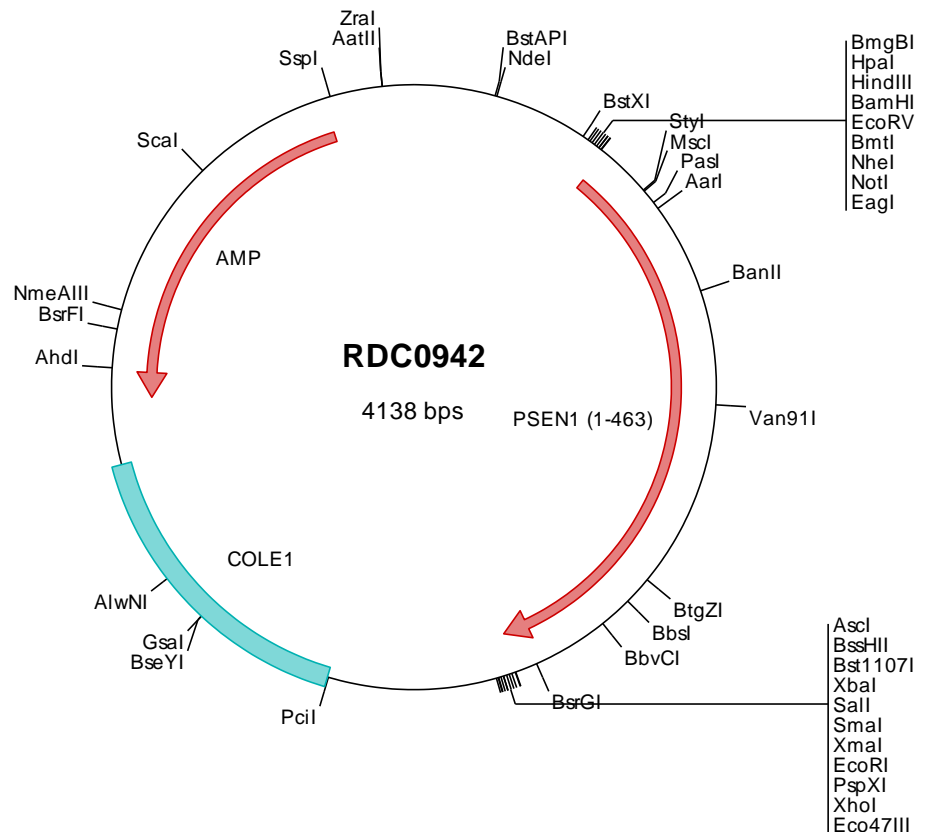
PSEN1 is the catalytic subunit of the gamma-secretase complex, an endoprotease complex involved in the proteolytic cleavage of Notch receptors and amyloid precursor protein (APP). PSEN1 is expressed in a wide range of tissue including various regions of the brain, liver, spleen, and lymph nodes. Some mutations in PSEN1 are associated with the risk of early onset familial Alzheimer's disease. Alternatively spliced transcripts encoding different proteins have been described.

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.



FOR RESEARCH USE ONLY

NOT FOR USE IN HUMANS



> RDC0942 Plasmid DNA Sequence

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> RDC0942 Translated Insert Sequence

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