

Specifications:

Gene:	<i>hJAG1</i>
Accession:	NP_000205
Insert size:	3670bp
Concentration:	10µg at 0.2µg/µL

hJagged-1 cDNA Plasmid

JAG1 jagged 1 [*Homo sapiens* (human)]

Also known as: AGS; AHD; AWS; HJ1; CD339; JAGL1

Summary:

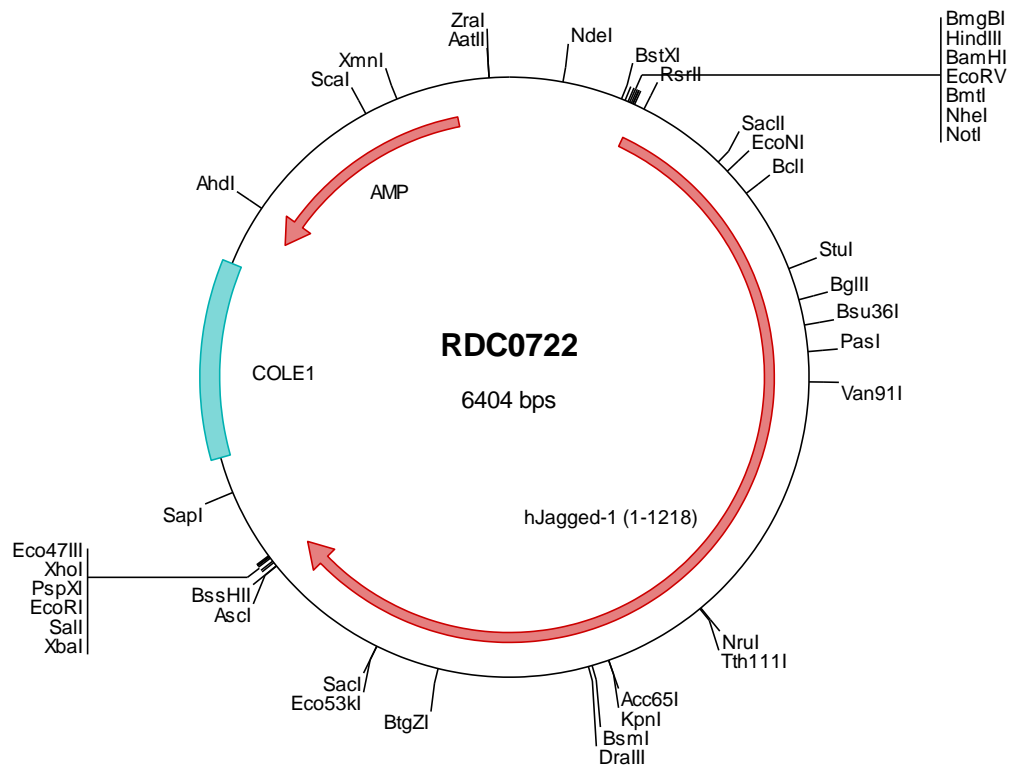
JAG1 is the ligand for multiple Notch receptors and is involved in the mediation of Notch signaling. It is involved in cell-fate decisions during hematopoiesis and seems to play a role in early and late stages of mammalian cardiovascular development. JAG1 is expressed in adult and fetal tissues. Mutations in JAG1 cause Alagille syndrome.

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



> RDC0722 Plasmid DNA Sequence

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> RDC0722 Translated Insert Sequence

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