

Specifications:

Gene:	hNOTCH4
Accession:	NP_004548
Insert size:	6025bp
Concentration:	10µg at 0.2µg/µL

hNOTCH-4 cDNA Plasmid

**NOTCH4 notch 4 [*Homo sapiens*
(human)]**

Also known as: INT3

Summary:

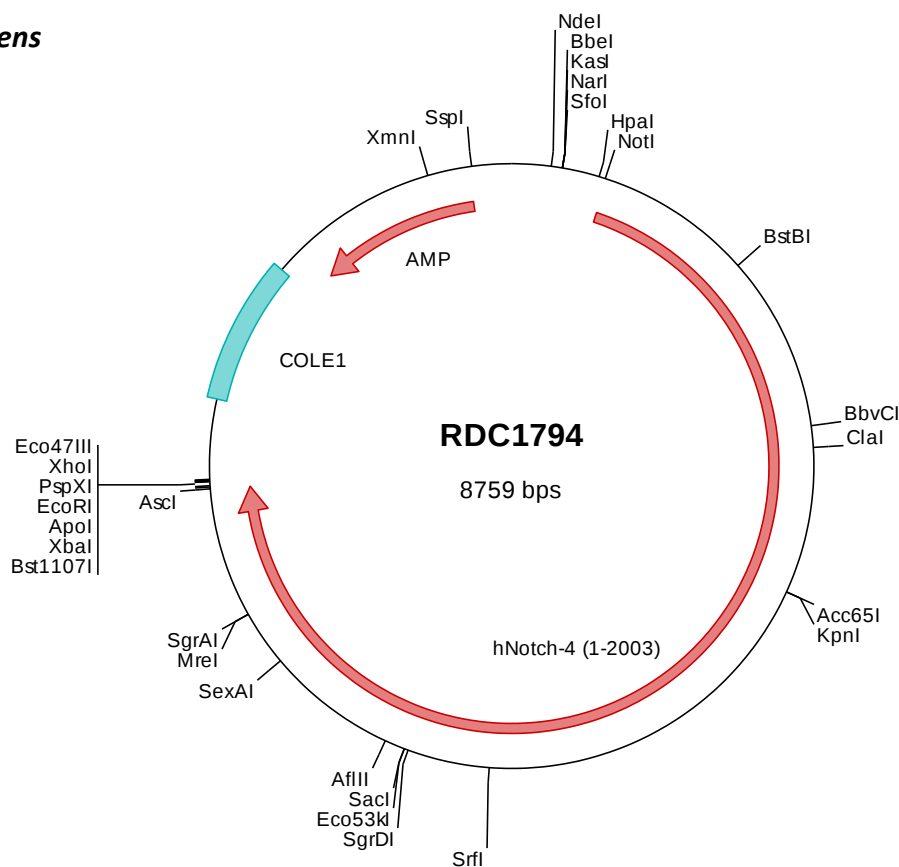
NOTCH4 is a member of the NOTCH family of proteins. Notch signaling is an evolutionarily conserved intercellular signaling pathway that regulates interactions between physically adjacent cells through binding of Notch family receptors to their cognate ligands. NOTCH4 is proteolytically processed in the trans-Golgi network to generate two polypeptide chains that heterodimerize to form the mature cell-surface receptor. This receptor may play a role in vascular, renal and hepatic development. 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

> RDC1794 Plasmid DNA Sequence

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> RDC1794 Translated Insert Sequence

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