

Specifications:

Gene:	<i>h</i> WNT7A
Accession:	NP_004616.2
Insert size:	1063bp
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*Wnt-7A cDNA

Plasmid

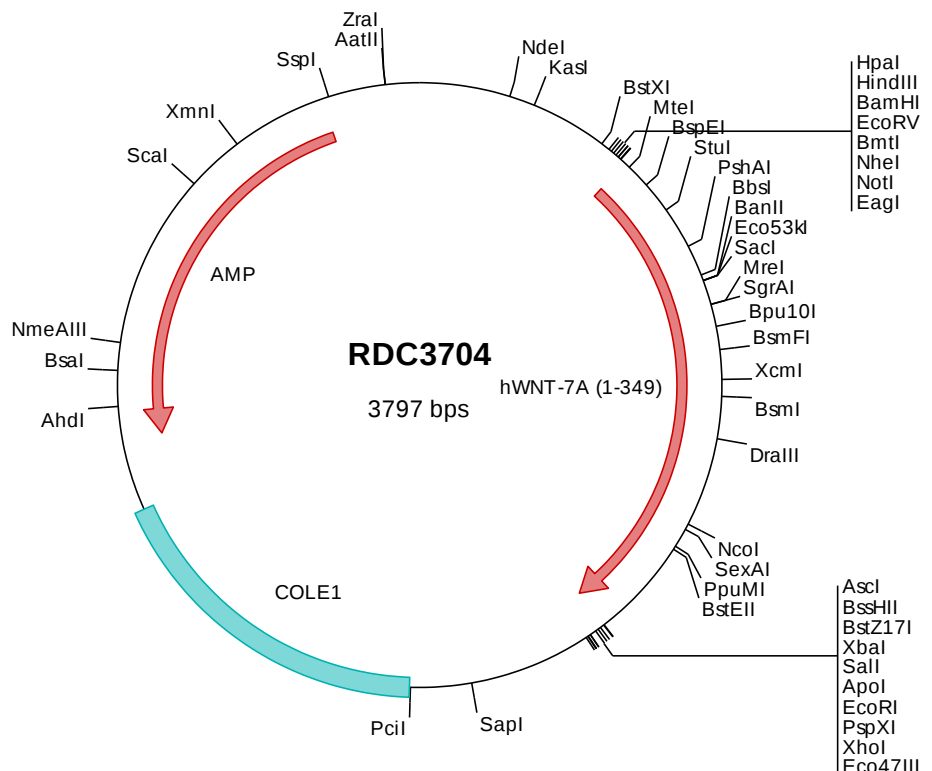
WNT7A Wnt family member 7A

[*Homo sapiens* (human)]

Also known as: Wnt-7a

Summary:

Wnt-7A is a member of the WNT gene family, which consists of structurally related genes that encode secreted signaling proteins. These proteins have been implicated in oncogenesis and in several developmental processes, including regulation of cell fate and patterning during embryogenesis. Wnt-7A is involved in the development of the anterior-posterior axis in the female reproductive tract, and also plays a critical role in uterine smooth muscle patterning and maintenance of adult uterine function. Mutations in Wnt-7A are associated with Fuhrmann and Al-Awadi/Raas-Rothschild/Schinzal phocomelia syndromes.



FOR RESEARCH USE ONLY

NOT FOR USE IN HUMANS

> RDC3704 Plasmid DNA Sequence

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1  tcgcgcgctt  cggatgatgac  ggtgaaaaac  tctgacacat  gcagctcccc  gagacggtca  cagcttgctc  gtaagcggat  gccgggagca  gacaagcccc
101  tcaggggcgc  tcagcgggtg  ttggcgggtg  tcggggctgg  ctttaactatg  cggcatcaga  gcagattgta  ctgagagtgc  accatatgcg  gtgtgaaata
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> RDC3704 Translated Insert Sequence

```

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