

Specifications:

Gene:	<i>h</i> WNT11
Accession:	NP_004617.2
Insert size:	1078bp
Concentration:	10µg at 0.2µg/µL

*h*Wnt-11 cDNA Plasmid

WNT11 Wnt family member 11
[*Homo sapiens* (human)]

Also known as: HWNT11

Summary:

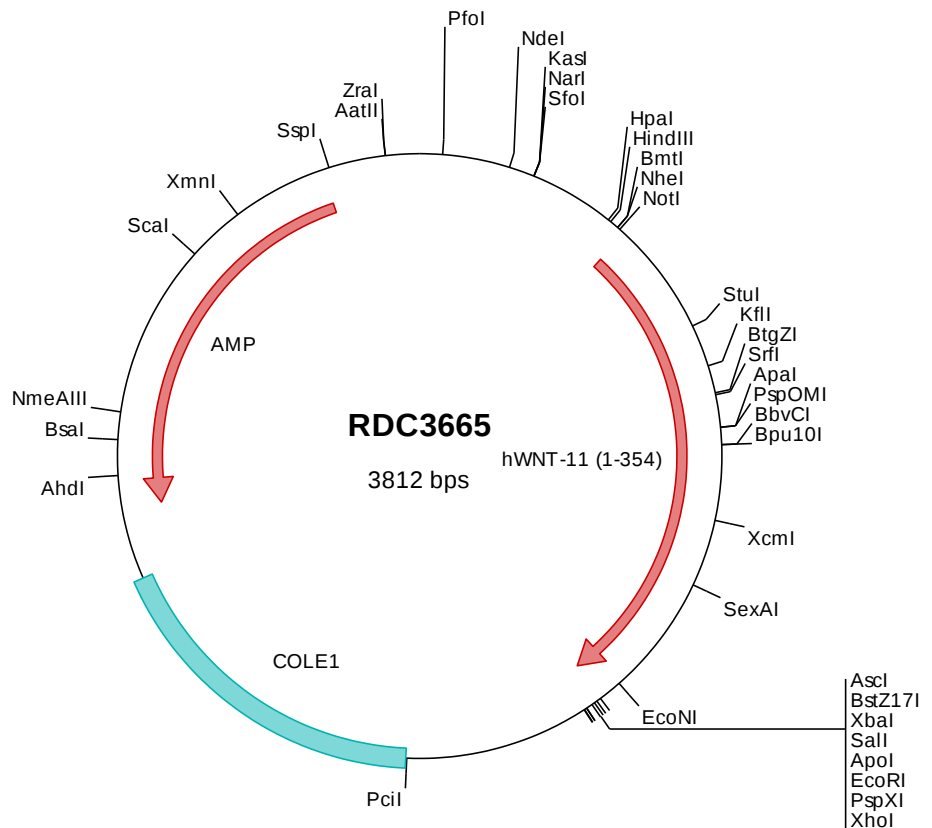
WNT11 is a member of the WNT gene family. The WNT gene family consists of structurally related genes which encode secreted signaling proteins. These proteins have been implicated in oncogenesis and in several developmental processes, including regulation of cell fate and patterning during embryogenesis. WNT11 shows 97%, 85%, and 63% amino acid identity with mouse, chicken, and *Xenopus* Wnt11 protein, respectively. It may play roles in the development of skeleton, kidney and lung, and is considered to be a plausible candidate gene for High Bone Mass 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.



> RDC3665 Plasmid DNA Sequence

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> RDC3665 Translated Insert Sequence

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