

Specifications:

Gene:	<i>h</i> WNT8A
Accession:	NP_490645.1
Insert size:	1069bp
Concentration:	10µg at 0.2µg/µL

*h*Wnt-8A cDNA Plasmid

WNT8A Wnt family member 8A
[*Homo sapiens* (human)]

Also known as: WNT8D

Summary:

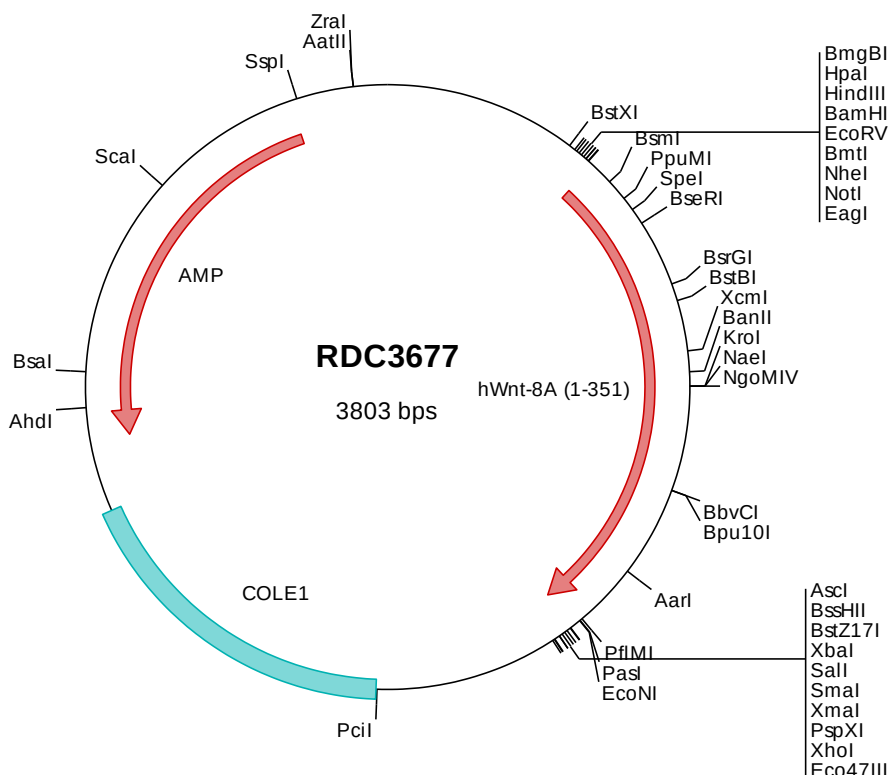
The WNT gene family consists of structurally related genes which encode secreted signaling proteins. These proteins have been implicated in oncogenesis and in several developmental processes, including regulation of cell fate and patterning during embryogenesis. WNT8A is a member of the WNT gene family and may be implicated in development of early embryos as well as germ cell tumors. Multiple alternatively spliced transcript variants have been found for WNT8A.

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.



> RDC3677 Plasmid DNA Sequence

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1   tcgcgcgctt cggatgatgac ggtgaaaacc tctgacacat gcagctcccc gagacggtca cagcttgtct gtaagcggat gccgggagca gacaagcccg
101  tcagggcgcg tcagcgggtg ttggcgggtg tcggggctgg cttactatg cggcatcaga gcagattgta ctgagagtgc accatatgcg gttgaaaata
201  ccgcacacgat gcgtaaggag aaaataccgc atcaggcgcc attcgccatt caggctcgcc aactgttggg aagggcgatc ggtcggggcc tcttcgctat
301  tacgccagct ggcgaaaagg ggatgtgtcg caaggcgatt aagttgggta acgccagggt tttcccagtc acgacgttgt aaaacgacgg ccagtgaatt
401  ggagacgtgt taacaagctt ggatccgata tcgctagcgc ggccgccaacc atggggaacc tgtttatgct ctgggcagct ctgggcatat gctgtgctgc
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701  agacttcctt catacatgct atcagctctg ctggagtcat gtacatcatc accaagaact gtagcatggg tgacttcgaa aactgtggct gtgatgggtc
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> RDC3677 Translated Insert Sequence

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201  fremgdylka kydqalkiem dkrqlragns aeghwvpaea flpsaaeali fleespydct cnsslgiygt egreclqnsh ntsrwerrrsc grlctecglq
301  veerktevis scnckfqwcc tvkdqcrhvf vskyycarsp gsaqslgkgs a

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