

**Specifications:**

Gene:	<i>hINSL3</i>
Accession:	NP_005534.2
Insert size:	409bp
Concentration:	10µg at 0.2µg/µL

**hINSL3 cDNA Plasmid**

**INSL3 insulin like 3 [ *Homo sapiens* (human) ]**

**Also known as:** RLF; RLNL; ley-I-L

**Summary:**

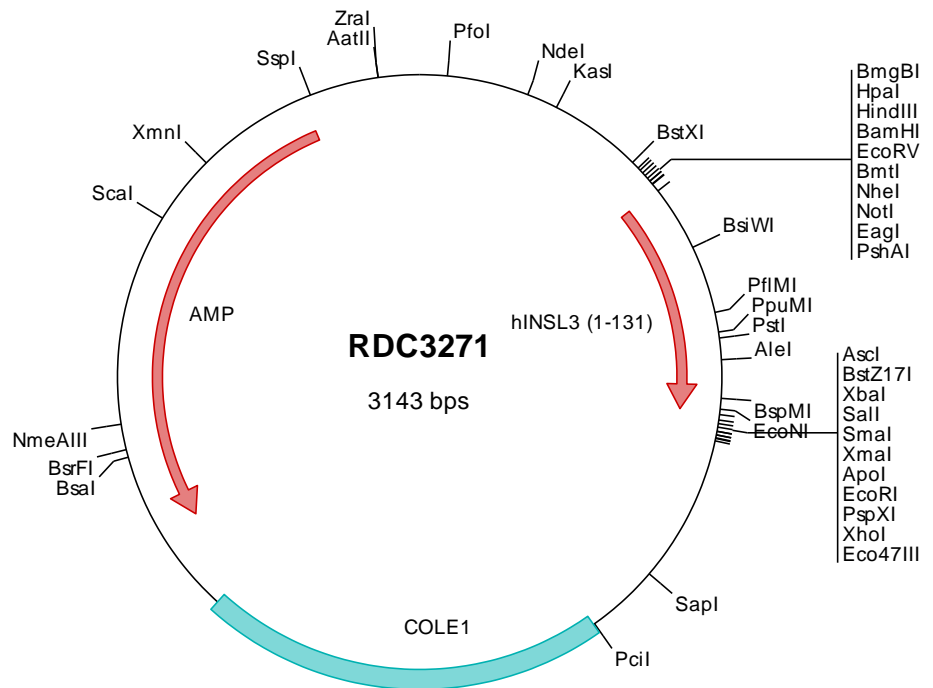
INSL3 is a member of the insulin-like hormone superfamily. It is mainly produced in gonadal tissues. Studies of the mouse counterpart suggest that INSL3 may be involved in the development of urogenital tract and female fertility. It may also act as a hormone to regulate growth and differentiation of gubernaculum, and thus mediating intra-abdominal testicular descent. Mutations in INSL3 may lead to cryptorchidism.

**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.



> RDC3271 Plasmid DNA Sequence

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1   tcgctgctgtt  cggatgatgac  ggtgaaaacc  totgacacat  gcaagctccc  gagacgggtc  cagcttgtct  gtaagcggat  gccgggagca  gacaagcccg
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> RDC3271 Translated Insert Sequence

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