

## **Product datasheet for SC321994**

## INSL3 (NM 005543) Human Untagged Clone

## **Product data:**

**Product Type:** Expression Plasmids

Product Name: INSL3 (NM\_005543) Human Untagged Clone

Tag: Tag Free Symbol: INSL3

Synonyms: ley-I-L; RLF; RLNL

Mammalian Cell

Selection:

Neomycin

Vector:pCMV6-AC (PS100020)E. coli Selection:Ampicillin (100 ug/mL)

Fully Sequenced ORF: >OriGene sequence for SC321994

**Restriction Sites:** Please inquire **ACCN:** NM 005543

**OTI Disclaimer:** Our molecular clone sequence data has been matched to the reference identifier above as a

point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative

RNA splicing form or single nucleotide polymorphism (SNP).

OTI Annotation: This TrueClone is provided through our Custom Cloning Process that includes sub-cloning

into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.



**OriGene Technologies, Inc.** 9620 Medical Center Drive, Ste 200

CN: techsupport@origene.cn

Rockville, MD 20850, US Phone: +1-888-267-4436 https://www.origene.com techsupport@origene.com EU: info-de@origene.com

## INSL3 (NM\_005543) Human Untagged Clone - SC321994

**Components:** The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube

containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).

**Reconstitution Method:** 1. Centrifuge at 5,000xg for 5min.

2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.

3. Close the tube and incubate for 10 minutes at room temperature.

4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid

at the bottom.

5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of

shipping when stored at -20°C.

RefSeq: <u>NM 005543.2</u>, <u>NP 005534.2</u>

 RefSeq Size:
 810 bp

 RefSeq ORF:
 396 bp

 Locus ID:
 3640

 UniProt ID:
 P51460

 Cytogenetics:
 19p13.11

**Protein Families:** Druggable Genome, Secreted Protein

**Gene Summary:** This gene encodes a member of the insulin-like hormone superfamily. The encoded protein is

mainly produced in gonadal tissues. Studies of the mouse counterpart suggest that this gene may be involved in the development of urogenital tract and female fertility. This protein may also act as a hormone to regulate growth and differentiation of gubernaculum, and thus

mediating intra-abdominal testicular descent. Mutations in this gene may lead to

cryptorchidism. Alternate splicing results in multiple transcript variants. [provided by RefSeq,

May 2012]

Transcript Variant: This variant (2) lacks an alternate in-frame exon in the central coding region, compared to variant 1. Isoform 2 is shorter, compared to isoform 1. Sequence Note: This RefSeq record was created from transcript and genomic sequence data to make the sequence consistent with the reference genome assembly. The genomic coordinates used for

the transcript record were based on transcript alignments.