

Product datasheet for **TP309944M**

INSL3 (NM_005543) Human Recombinant Protein

Product data:

Product Type: Recombinant Proteins

Description: Recombinant protein of human insulin-like 3 (Leydig cell) (INSL3), 100 µg

Species: Human

Expression Host: HEK293T

**Expression cDNA Clone
or AA Sequence:** >RC209944 protein sequence
Red=Cloning site **Green**=Tags(s)

MDPRLPAWALVLLGPALVFALGPAPTPEMREKLCGHHFVRALVRVCGGPRWSTEARRPAAGGDRELLQWL
ERRHLLHGLVADSNTLGPGLQPLPQTSHHHRHHRAAATNPARYCCLSGCTQQDLLTLCPY

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag: C-Myc/DDK

Predicted MW: 14.3 kDa

Concentration: >0.05 µg/µL as determined by microplate BCA method

Purity: > 80% as determined by SDS-PAGE and Coomassie blue staining

Buffer: 25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol

Preparation: Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.

Note: For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.

Storage: Store at -80°C.

Stability: Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.

RefSeq: [NP_005534](#)

Locus ID: 3640

UniProt ID: [P51460](#)

RefSeq Size: 833

Cytogenetics: 19p13.11



[View online »](#)

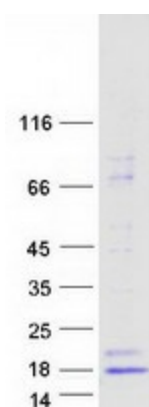
RefSeq ORF: 393

Synonyms: ley-I-L; RLF; RLNL

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]

Protein Families: Druggable Genome, Secreted Protein

Product images:



Coomassie blue staining of purified INSL3 protein (Cat# [TP309944]). The protein was produced from HEK293T cells transfected with INSL3 cDNA clone (Cat# [RC209944]) using MegaTran 2.0 (Cat# [TT210002]).