

[Go to Product page](#)

Datasheet for ABIN7318736 **INSL3 Protein (His tag)**

Overview

Quantity:	50 µg
Target:	INSL3
Origin:	Human
Source:	Human Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This INSL3 protein is labelled with His tag.

Product Details

Purpose:	Recombinant Human INSL3 Protein (His Tag)
Sequence:	Leu21-Tyr131
Characteristics:	Recombinant Human Insulin-like 3 is produced by our Mammalian expression system and the target gene encoding Leu21-Tyr131 is expressed with a 6His tag at the C-terminus.
Purity:	> 90 % as determined by reducing SDS-PAGE.
Endotoxin Level:	< 1.0 EU per µg as determined by the LAL method.

Target Details

Target:	INSL3
Alternative Name:	INSL3 (INSL3 Products)
Background:	Background: Insulin-like 3 is a protein that in humans is encoded by the INSL3 gene. It is a secreted protein that belongs to the insulin family. It is expressed in prenatal and postnatal Leydig cells and found as well in the corpus luteum, trophoblast, fetal membranes and breast. It

Target Details

may act as a hormone to regulate growth and differentiation of gubernaculum, and thus mediating intra-abdominal testicular descent. It is a ligand for LGR8 receptor.

Synonym: Insulin-like 3, Leydig insulin-like peptide, Relaxin-like factor, INSL3, RLF, RLNL

Molecular Weight: 13.4 kDa

UniProt: [P51460](#)

Pathways: [Hormone Activity](#), [cAMP Metabolic Process](#)

Application Details

Restrictions: For Research Use only

Handling

Format: Lyophilized

Reconstitution: Please refer to the printed manual for detailed information.

Buffer: Lyophilized from a 0.2 µm filtered solution of 20 mM PB, 150 mM NaCl, pH 7.4.

Storage: 4 °C, -20 °C, -80 °C

Storage Comment: Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.