

Datasheet for ABIN1945456

**INSL3 Protein (AA 21-131) (His tag)**[Go to Product page](#)

## Overview

Quantity:	50 µg
Target:	INSL3
Protein Characteristics:	AA 21-131
Origin:	Human
Source:	Human Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This INSL3 protein is labelled with His tag.

## Product Details

Purpose:	Recombinant Human Leydig Insulin-Like 3/INSL3 (C-6His)
Sequence:	LGPAPTPEMR EKLCGHHFVR ALVRVCGGPR WSTEARRPAT GGDRELLQWL ERRHLLHGLV ADSNLTLP GP LQPLPQTSHH HRHHRAAATN PARYCCLSGC TQDLLTLCP YVDHHHHHHH
Characteristics:	Recombinant Human INSL3 is produced by our mammalian expression system in human cells. The target protein is expressed with sequence (AA 21-131) of Human INSL3 fused with a polyhistidine tag at the C-terminus.
Purity:	> 95 % as determined by reducing SDS-PAGE.
Sterility:	0.2 µm filtered
Endotoxin Level:	Less than 0.1 ng/µg (1 IEU/µg) as determined by LAL test

## Target Details

Target:	INSL3
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## Target Details

Alternative Name:	Leydig Insulin-Like Peptide ( <a href="#">INSL3 Products</a> )
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 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.
Molecular Weight:	13.4 kDa
UniProt:	<a href="#">P51460</a>
Pathways:	<a href="#">Hormone Activity</a> , <a href="#">cAMP Metabolic Process</a>

## Application Details

Restrictions:	For Research Use only
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## Handling

Format:	Lyophilized
Reconstitution:	It is not recommended to reconstitute to a concentration less than 100 µg/mL. Dissolve the lyophilized protein in ddH <sub>2</sub> O. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.
Buffer:	Lyophilized from a 0.2 µm filtered solution of 20 mM PB, 150 mM NaCl, pH 7.4.
Handling Advice:	Always centrifuge tubes before opening. Do not mix by vortex or pipetting.
Storage:	4 °C/-20 °C/-80 °C
Storage Comment:	Lyophilized protein should be stored at < -20°C, though stable at room temperature for 3 weeks. Reconstituted protein solution can be stored at 4-7°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.