Recombinant Human INSL3 (C-6His)

Catalog No: CI47

Description	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.
Source	Human Cells
Alternative name	Insulin-like 3; Leydig insulin-like peptide; Relaxin-like factor; INSL3; RLF; RLNL
Accession No.	AAI06722.1
Predicted Molecular Weight	13.4kDa
AP Molecular Weight	13-20kDa, reducing conditions.
Formulation	Lyophilized from a 0.2 μm filtered solution of 20mM PB, 150mM NaCl, pH 7.4.
Reconstitution	Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100μg/ml. Dissolve the lyophilized protein in distilled water. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.
Quality Control	Purity: Greater than 90% as determined by reducing SDS-PAGE. Endotoxin: Less than 0.1 ng/μg (1 IEU/μg) as determined by LAL test.
Shipping	The product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature listed below.
Storage	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.
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.
SDS-Page