

32-8427: Recombinant Human Leydig Insulin-Like 3/INSL3 (C-6His)

Gene : INSL3
Gene ID : 3640
Uniprot ID : P51460

Description

Source: Human Cells.
MW :13.4kD.

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. 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.

Product Info

Amount : 10 µg / 50 µg
Content : Lyophilized from a 0.2 µm filtered solution of 20mM PB,150mM NaCl,pH7.4.
Storage condition : 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.
Amino Acid : LGPAPTPEMREKLCGHHFVRALVRVCGGPRWSTEARRPATGGDRELLQWLERRHLLHGLVADSNTLGPGLQPLPQTSHHHRRHHRAAATNPARYCCLSGCTQQDLLTLCPYVDHHHHHH

Application Note

Endotoxin : Less than 0.1 ng/µg (1 IEU/µg) as determined by LAL test.