

## Recombinant Human INSL3 (C-6His)

Catalog No: BP024 (CI47)

<b>Description</b>	Recombinant Human Heat shock protein beta-2 is produced by our Mammalian expression system and the target gene encoding Met1-Pro182 is expressed with a 6His tag at the C-terminus.
<b>Expression System</b>	Human 293 cells
<b>Alternative name</b>	Insulin-like 3; Leydig insulin-like peptide; Relaxin-like factor; INSL3; RLF; RLNL
<b>Accession No.</b>	P51460
<b>Predicted Molecular Weight</b>	15.3kDa
<b>Apparent Molecular Weight</b>	18.4-25kDa, reducing conditions.
<b>Quality Control</b>	Purity: greater than 95% as determined by reducing SDS-PAGE. Endotoxin: less than 0.1 ng/μg (1 EU/μg) as determined by LAL test.
<b>Formulation</b>	Supplied as a 0.2 μm filtered solution of 20mM PB, 150mM NaCl, pH 7.4.
<b>Shipping</b>	The product is shipped on dry ice pack. Upon receipt, store it immediately at the temperature listed below.
<b>Storage</b>	Store at < -20°C, stable for 6 months after receipt. Please minimize freeze-thaw cycles.
<b>Background</b>	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

