



Recombinant Protein Technical Manual

Recombinant Human INSL4 Protein (His Tag)

RPES2643

Product Data:

Product SKU: RPES2643

Size: 10µg

Species: Human

Expression host: Human Cells

Uniprot: Q14641

Protein Information:

Molecular Mass: 13.6 kDa

AP Molecular Mass: 9 kDa

Tag: C-6His

Bio-activity:

Purity: > 95 % as determined by reducing SDS-PAGE.

Endotoxin: < 1.0 EU per µg as determined by the LAL method.

Storage: 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.

Shipping: This product is provided as lyophilized powder which is shipped with ice packs.

Formulation: Lyophilized from a 0.2 µm filtered solution of 20mM Tris, 150mM NaCl, pH 8.0.

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

Application:

Synonyms: Early Placenta Insulin-Like Peptide; EPIL; Insulin-Like Peptide 4; Placentin; INSL4

Immunogen Information:

Sequence: Ala26-Thr139

Background:

Early Placenta Insulin-Like Peptide (INSL4) belongs to the insulin family. INSL4 is expressed in the early placental cytotrophoblast and syncytiotrophoblast. INSL4 is a secreted protein and a precursor that undergoes post-translational cleavage to produce 3 polypeptide chains, A-C, that form tertiary structures composed of either all three chains, or just the A and B chains. INSL4 plays an important role in the development of trophoblast and in the regulation of bone formation.