

**Recombinant Human Early Placenta Insulin-Like Peptide/INSL4/Placentin Protein(C-6His)**

**Cat.NO.: TP05953**

3th Edition

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

**Description:**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.

**Form:**PBS

**Molecular Weight:**13.6 kDa

**Sequences:**Ala26-Thr139

**Purity:**> 95% by HPLC

**Concentration:**

**Endotoxin Level:**<1.0 EU per 1 ug of protein (determined by LAL method)

**Storage:**Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.