Recombinant Human INSL4

Catalog No: C988

Description	Recombinant Human Early Placenta Insulin-Like Peptide is produced by our Mammalian expression system and the target gene encoding Ala26-Thr139 is expressed with a 6His tag at the C-terminus.
Source	Human Cells
Alternative name	Early Placenta Insulin-Like Peptide; EPIL; Insulin-Like Peptide 4; Placentin; INSL4
Accession No.	Q14641
Formulation	Lyophilized from a 0.2 μm filtered solution of 20mM Tris,150mM NACl,pH 8.0.
Quality Control	Purity: Greater than 95% 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.
Amino Acid Sequence	AELRGCGPRFGKHLLSYCPMPEKTFTTTPGGWLLESGRPKEMVSTSNNKDGQALGTTSEFIPNLSPELKKP LSEGQPSLKKIILSR KKRSGRHRFDPFCCEVICDDGTSVKLCTVDHHHHHH
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.

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