

32-7734: Recombinant Human Early Placenta Insulin-Like Peptide/INSL4/Placentin (C-6His)

Gene : INSL4
Gene ID : 3641
Uniprot ID : Q14641

Description

Source: Human Cells.
MW :13.6kD.

Recombinant Human Placentin is produced by our Mammalian expression system and the target gene encoding Ala26-Thr139 is expressed with a 6His tag at the C-terminus. 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.

Product Info

Amount : 10 µg / 50 µg
Content : Lyophilized from a 0.2 µm filtered solution of 20mM Tris,150mM NaCl,pH 8.0.
Lyophilized protein should be stored at -20°C, though stable at room temperature for 3 weeks.
Storage condition : 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 : AELRGCGPRFGKHLLSYCPMPEKTFITTPGGWLLESGRPKEMVSTSNKDGQALGTTSEFIPNLSPELKKPLSE
GQPSLKKIILSRKKRSGRHRFDPFCEVICDDGTSVKLCTVDHHHHHHH

Application Note

Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100 µg/ml. Dissolve the lyophilized protein in ddH₂O. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

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