Datasheet for ABIN1691351

INSL4 Protein (AA 26-139) (His tag)

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Overview

Quantity:	50 µg
Target:	INSL4
Protein Characteristics:	AA 26-139
Origin:	Human
Source:	Human Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This INSL4 protein is labelled with His tag.

Product Details

Purpose:	Recombinant Human Early Placenta Insulin-Like Peptide/INSL4/Placentin (C-6His)
Sequence:	AELRGCGPRF GKHLLSYCPM PEKTFTTTPG GWLLESGRPK EMVSTSNNKD GQALGTTSEF IPNLSPELKK PLSEGQPSLK KIILSRKKRS GRHRFDPFCC EVICDDGTSV KLCTVDHHHH HH
Characteristics:	Recombinant Human Early Placenta Insulin-Like Peptide/INSL4 is produced by our mammalian expression system in human cells. The target protein is expressed with sequence (Ala26-Thr139) of Human INSL4 fused with a 6His tag at the C-terminus.
Purity:	> 95 % as determined by reducing SDS-PAGE.
Sterility:	0.2 µm filtered
Endotoxin Level:	Less than 0.1 ng/µg (1 IEU/µg) as determined by LAL test

Target Details

Target:	INSL4

Target Details

Alternative Name:	INSL4 (INSL4 Products)
Sub Type:	Fusionprotein
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. Alternative Names: Early Placenta Insulin-Like Peptide, EPIL, Insulin-Like Peptide 4, Placentin, INSL4
Molecular Weight:	13.6 kDa
UniProt:	Q14641

Application Details

Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Reconstitution:	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.
Buffer:	Lyophilized from a 0.2 µm filtered solution of 20 mM Tris,150 mM NACl, pH 8.0.
Handling Advice:	Always centrifuge tubes before opening. Do not mix by vortex or pipetting.
Storage:	4 °C/-20 °C/-80 °C
Storage Comment:	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.
Expiry Date:	3 months