

## Recombinant Human INSL4 Protein, GST-His-tagged

Cat. No. INSL4-723H    Lot. No. (See product label)

### SPECIFICATION

|                  |                                                                                                                                                                                                                                                                                                                                                                                                  |
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| Product Overview | Recombinant Human INSL4 fused with N-terminal GST and C-terminal His was expressed in E. coli.                                                                                                                                                                                                                                                                                                   |
| Species          | Human                                                                                                                                                                                                                                                                                                                                                                                            |
| Source           | E.coli                                                                                                                                                                                                                                                                                                                                                                                           |
| Description      | INSL4 encodes the insulin-like 4 protein, a member of the insulin superfamily. INSL4 encodes 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. Expression of INSL4 products occurs within the early placental cytotrophoblast and syncytiotrophoblast. |
| Form             | 25mM Tris, pH8.0, 150mM NaCl, 10% glycerol, 1% Sarkosyl.                                                                                                                                                                                                                                                                                                                                         |
| Molecular Mass   | 41.4 kDa                                                                                                                                                                                                                                                                                                                                                                                         |
| Purity           | > 80% as determined by SDS-PAGE and Coomassie blue staining                                                                                                                                                                                                                                                                                                                                      |
| Concentration    | >50 ug/mL as determined by microplate BCA method                                                                                                                                                                                                                                                                                                                                                 |

### GENE INFORMATION

|           |                                                  |
|-----------|--------------------------------------------------|
| Gene Name | INSL4 insulin-like 4 (placenta) [ Homo sapiens ] |
|-----------|--------------------------------------------------|

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|------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Official Symbol</b> | INSL4                                                                                                                                                       |
| <b>Synonyms</b>        | INSL4; insulin-like 4 (placenta); early placenta insulin-like peptide; EPIL; insulin-like peptide 4; early placenta insulin-like peptide (EPIL); PLACENTIN; |
| <b>Gene ID</b>         | 3641                                                                                                                                                        |
| <b>mRNA Refseq</b>     | NM_002195                                                                                                                                                   |
| <b>Protein Refseq</b>  | NP_002186                                                                                                                                                   |
| <b>MIM</b>             | 600910                                                                                                                                                      |
| <b>UniProt ID</b>      | Q14641                                                                                                                                                      |

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