



Recombinant Human Early placenta insulin-like peptide (INSL4)

| | |
|--------------------------|---|
| Product Code | CSB-EP621784HU |
| Abbreviation | INSL4 |
| Storage | The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C. |
| Uniprot No. | Q14641 |
| Product Type | Recombinant Protein |
| Immunogen Species | Homo sapiens (Human) |
| Purity | ≥85% (SDS-PAGE) |
| Sequence | AELRG CGPRFGKHLL SYCPMPEKTF TTPGGWLL E SGRPKE MVST SNNKDGQALG TTSEFIPNLS PELKKPLSEG QPSLKKIILS RKKRSGRHRF DPFCCEVICD DGTSVKLCT |
| Source | E.coli |
| Target Names | INSL4 |
| Protein Names | Recommended name: Early placenta insulin-like peptide Short name= EPIL Alternative name(s): Insulin-like peptide 4 Placentin Cleaved into the following 2 chains: 1. Early placenta insulin-like peptide B chain 2. Early placenta i |
| Expression Region | 26-139 |
| Notes | Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week. |
| Tag Info | Tag type will be determined during the manufacturing process. |
| Protein Length | Full Length of Mature Protein |
| Target Details | 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. |
| Reconstitution | We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference. |
| Shelf Life | The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life |



of lyophilized form is 12 months at -20°C/-80°C.