

Active Recombinant Human PRL protein, His-tagged

Cat. No. PRL-2178H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human PRL protein(P01236)(Leu29-Cys227), fused with His tag, was expressed in Insect Cells.
Species	Human
Source	Insect Cells
ProteinLength	Leu29-Cys227
Form	Lyophilized from sterile 20 mM Tris, 500 mM NaCl, 10 %gly, pH 8.0.Please contact us for any concerns or special requirements. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization. Please refer to the specific buffer information in the hard copy of CoA.
Bio-activity	Measured by its ability to promote proliferation of INS-1 cells. The ED50 for this effect is typically 20-120 ng/mL.
Molecular Mass	The recombinant human PRL consists of 210 amino acids and predicts a molecular mass of 24.3 kDa.
Endotoxin	< 1.0 EU per µg protein as determined by the LAL method.
Purity	> 90 % as determined by SDS-PAGE
Storage	Samples are stable for up to twelve months from date of receipt at -20°C to -80°C

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Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

Reconstitution

It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION

Gene Name [PRL prolactin \[Homo sapiens \]](#)

Official Symbol [PRL](#)

Synonyms PRL; prolactin; decidual prolactin;

Gene ID [5617](#)

mRNA Refseq [NM_000948](#)

Protein Refseq [NP_000939](#)

MIM [176760](#)

UniProt ID [P01236](#)

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