

## Active Recombinant Human PRL protein, mFc-tagged

Cat. No. PRL-384H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human PRL protein(Leu 29 - Cys 227), fused with mFc tag, was expressed in HEK293.
<b>Species</b>	Human
<b>Source</b>	HEK293
<b>ProteinLength</b>	29-227 a.a.
<b>Form</b>	Lyophilized from 0.22 µm filtered solution in Tris with Glycine, Arginine and NaCl, pH7.5, 10% trehalose.
<b>Bio-activity</b>	Immobilized Human Prolactin Protein, Mouse IgG2a Fc Tag at 1 µg/mL (100 µL/well) can bind Human Prolactin R, Fc Tag with a linear range of 2-39 ng/mL.
<b>Molecular Mass</b>	This protein carries a mouse IgG2a Fc tag at the C-terminus. The protein has a calculated MW of 49.8 kDa. The protein migrates as 50-55 kDa under reducing (R) condition (SDS-PAGE) due to glycosylation.
<b>Endotoxin</b>	Less than 0.1 EU per µg by the LAL method.
<b>Purity</b>	>95% as determined by SDS-PAGE.
<b>Storage</b>	For long term, the product should be stored at lyophilized state at -20°C or lower. Please avoid repeated freeze-thaw cycles. This product is stable after at:

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

-20°C to -70°C for 12 months in lyophilized state; -70°C for 3 months under sterile conditions after reconstitution.

**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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