

Datasheet for ABIN7538484

Prolactin Protein (PRL) (AA 29-227) (Fc Tag)[Go to Product page](#)**1** Image

Overview

Quantity:	50 µg
Target:	Prolactin (PRL)
Protein Characteristics:	AA 29-227
Origin:	Human
Source:	Mammalian Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This Prolactin protein is labelled with Fc Tag.

Product Details

Purpose:	Recombinant human PRL Protein with C-terminal human Fc tag
Specificity:	PRL (Leu29-Cys227) hFc (Glu99-Ala330)
Characteristics:	Extracellular Domain Protein
Purification:	Purified from cell culture supernatant by affinity chromatography
Purity:	The purity of the protein is greater than 95 % as determined by SDS-PAGE and Coomassie blue staining.

Target Details

Target:	Prolactin (PRL)
Alternative Name:	PRL (PRL Products)
Background:	This gene encodes the anterior pituitary hormone prolactin. This secreted hormone is a growth

Target Details

regulator for many tissues, including cells of the immune system. It may also play a role in cell survival by suppressing apoptosis, and it is essential for lactation. Alternative splicing results in multiple transcript variants that encode the same protein. [provided by RefSeq, Aug 2011]

Molecular Weight: predicted molecular mass of 49.0 kDa after removal of the signal peptide. The apparent molecular mass of PRL-hFc is 35-55 kDa due to glycosylation.

UniProt: [P01236](#)

Pathways: [JAK-STAT Signaling](#), [Peptide Hormone Metabolism](#), [Response to Growth Hormone Stimulus](#), [Protein targeting to Nucleus](#)

Application Details

Restrictions: For Research Use only

Handling

Format: Lyophilized

Buffer: Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose is added as protectants before lyophilization.

Storage: -20 °C, -80 °C

Storage Comment: Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing).
Lyophilized proteins are shipped at ambient temperature.

Expiry Date: 12 months



SDS-PAGE

Image 1. Human PRL Protein, hFc Tag on SDS-PAGE under reducing condition.