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Datasheet for ABIN7490927

Prolactin Receptor Protein (PRLR) (AA 25-234) (Fc Tag)

1 Image

Overview

Quantity:	100 µg
Target:	Prolactin Receptor (PRLR)
Protein Characteristics:	AA 25-234
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This Prolactin Receptor protein is labelled with Fc Tag.

Product Details

Purpose:	Recombinant human PRLR protein with C-terminal human Fc tag
Specificity:	PRLR (Gln25-Asp234) 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 Receptor (PRLR)
Alternative Name:	PRLR (PRLR Products)
Background:	This gene encodes a receptor for the anterior pituitary hormone, prolactin, and belongs to the

Target Details

type I cytokine receptor family. Prolactin-dependent signaling occurs as the result of ligand-induced dimerization of the prolactin receptor. Several alternatively spliced transcript variants encoding different membrane-bound and soluble isoforms have been described for this gene, which may function to modulate the endocrine and autocrine effects of prolactin in normal tissue and cancer. [provided by RefSeq, Feb 2011]

Molecular Weight: predicted molecular mass of 50.5 kDa after removal of the signal peptide. The apparent molecular mass of PRLR-hFc is 55-70 kDa due to glycosylation.

UniProt: [P16471](#)

Pathways: [JAK-STAT Signaling](#), [Response to Growth Hormone Stimulus](#)

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 PRLR Protein, hFc Tag on SDS-PAGE under reducing condition.