



## Prolactin protein (DAGA-228)

This product is for research use only and is not intended for diagnostic use.

### PRODUCT INFORMATION

<b>Antigen Description</b>	Prolactin is a hormone synthesised and secreted by lactotrope cells in the adenohypophysis (anterior pituitary gland). Prolactin has many effects, the most significant of which is to stimulate the mammary glands to produce milk (lactation). Increased serum prolactin during pregnancy causes enlargement of the mammary glands of the breasts and increases the production of milk. Recently, prolactin has demonstrated broader roles in breast cancer development, regulation of reproductive function, and immunoregulation. Prolactin was expressed in E. coli and purified by conventional chromatography, after refolding of the isolated inclusion bodies in a renaturation buffer.
<b>Species</b>	Human
<b>Purity</b>	> 95% pure
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	SDS-PAGE
<b>Molecular Weight</b>	23 kDa (200 aa), confirmed by MALDI-TOF.
<b>Format</b>	liquid
<b>Concentration</b>	Batch dependent - please inquire should you have specific requirements.
<b>Size</b>	100 µg
<b>Buffer</b>	PBS, pH 7.4.
<b>Preservative</b>	None
<b>Storage</b>	Store at 4 °C for short term storage (1/2 weeks). Aliquot and store at -20 °C or - 70 °C for long term storage. Avoid repeated freeze/thaw cycles.

# BACKGROUND

## Keywords

PRL; prolactin; Lactogenic hormone; Luteotropic hormone; Mammotropin; PRL; Prolactin; Prolactin precursor; OTTHUMP00000017727; decidual prolactin;

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