

RPCB1339

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## Product Information

<b>Product SKU:</b>	RPCB1339	<b>Gene ID:</b>	5617	<b>Size:</b>	10µg
<b>Tag:</b>	C-6His	<b>Reactivity:</b>	Human		

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## Additional Information

<b>Expression Host:</b>	HEK293 cells	<b>Swissprot:</b>	P01236
<b>Purity:</b>	> 97% by SDS-PAGE.		

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## Protein Information

**Background:** Prolactin (PRL) is a hormone with multiple actions in the central nervous system (CNS) spanning from physiology to pathology. PRL exerts different actions through its receptors that can be found in both neurons and glial cells (astrocytes, microglia and oligodendrocytes) of the brain. It is generally believed that in vertebrates, prolactin (PRL) is predominantly synthesized and released by pituitary lactotrophs and plays important roles in many physiological processes via activation of PRL receptor (PRLR), including water and electrolyte balance, reproduction, growth and development, metabolism, immuno-modulation, and behavior.

**Protein Description:** High quality, high purity and low endotoxin recombinant Recombinant Human Prolactin/PRL Protein, tested reactivity in HEK293 cells and has been validated in SDS-PAGE. 100% guaranteed.

**Endotoxin:** <1EU/µg

**Formulation:** Lyophilized from a 0.22 µm filtered solution of PBS, pH 7.4.

**Storage:** Store at -20°C. Store the lyophilized protein at -20°C to -80 °C up to 1 year from the date of receipt. After reconstitution, the protein solution is stable at -20°C for 3 months, at 2-8°C for up to 1 week.