

PRL

Recombinant Human Prolactin His Tag

Catalog No.	CRP148A	Quantity:	5 µg
	CRP148B		20 µg
	CRP148C		1.0 mg

Alternate Names: Mamotropin, Luteotropic hormone, Luteotropin, PRL.

Description: Recombinant Human Prolactin His Tag is a single, non-glycosylated 199 aa polypeptide chain comprising aa 29-227 fused with an amino-terminal hexa-Histidine tag. Prolactin is a neuroendocrine hormone synthesized primarily by the pituitary gland but also a variety of other cell types including the placenta, brain and uterus. Its primary function is to promote and maintain lactation but has also been shown to have a role in breast cancer development, regulation of reproductive function and immunoregulation.

GeneID: 5617

Source: *E. coli*

Molecular Mass: 23 kDa including the His tag

Formulation: Sterile filtered clear solution containing PBS + 50% glycerol.

Purity: > 95.0% as determined by RP-HPLC and SDS-PAGE.

Purification: Recombinant Human Prolactin His Tag is purified by proprietary chromatographic techniques.

Storage & Stability: Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. **Please avoid freeze thaw cycles.**

NOT FOR HUMAN USE. FOR RESEARCH ONLY. NOT FOR DIAGNOSTIC OR THERAPEUTIC USE.