RANDOX life sciences

Prolactin **Human, Recombinant, *E. coli***

Cat. No.: RCP9290 **Size:** 10µg

Synonym: PRL.

Description: 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.

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RANDOX recombinant prolactin comprises a 199 amino acid fragment (29-227) corresponding to the mature prolactin protein and is expressed in *E. coli* with an amino-terminal hexahistidine tag. This product is for research use only and is not intended for diagnostic or therapeutic use.

Form: Liquid.
Supplied in 1x Laemmli Buffer (25mM Tris-HCl pH6.8, 50mM DTT, 1% (w/v) SDS, 0.1% (w/v) Bromophenol Blue, 2.5% Glycerol).

Purity: Single band on Western blot.

References:

Harris, J. *et al* (2004) *Ann. Med*. **36(6)** : 414-425.

Kelly, P.A. *et al* (1991) *Endocr. Rev* **12(3)** :235-251.

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