

Recombinant Bovine Prolactin Protein, His-Tagged

Cat. No. PRL-298B **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Bovine PRL Protein, His-Tagged was expressed in E.coli cell
Species	Bovine
Source	E.coli
ProteinLength	31-229 a.a.
Description	Prolactin (PRL), also known as lactotropin, is a protein best known for its role in enabling mammals to produce milk. It is influential in over 300 separate processes in various vertebrates, including humans.[5] Prolactin is secreted from the pituitary gland in response to eating, mating, estrogen treatment, ovulation and nursing. It is secreted heavily in pulses in between these events.
Molecular Mass	The protein has a calculated MW of 24 kDa.
AA Sequence	MGSSHHHHHTPVCPNGPGNCQVSLRDLFDRAVMVSHYIHDLSSEMFNEFDKRYA QGKGFITMALNSCHTSSLPTPEDKEQAQQTHHEVLMSLILGLLRSWNPPLYHLVTEV RGMKGAPDAILSRAIEIEEENKRLLGEMEMIFGQVIPGAKETEPYPVWSGLPSLQTKD EDARYSAFYNLLHCLRRDSSKIDTYLKLLNCRIIYNNNC
Purity	90% by SDS-PAGE
Storage	Store it under sterile conditions at -20 to -80 °C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Concentration	0.19 mg/ml
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Storage Buffer	50mM Tris, 300mM NaCl, pH 8.0
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GENE INFORMATION

Gene Name	PRL prolactin [Bos taurus (cattle)]
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Official Symbol	PRL
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Synonyms	GHA1; Prol
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Gene ID	280901
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mRNA Refseq	NM_173953.2
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Protein Refseq	NP_776378.2
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UniProt ID	P01239
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