

## Recombinant Horse PRL protein, His-tagged

**Cat. No.** PRL-4498H    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                                    |
|-------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Horse PRL protein(P12420)(31-229aa), fused to N-terminal His tag, was expressed in E. coli.                                                                                                                            |
| <b>Species</b>          | Horse                                                                                                                                                                                                                              |
| <b>Source</b>           | E.coli                                                                                                                                                                                                                             |
| <b>ProteinLength</b>    | 31-229aa                                                                                                                                                                                                                           |
| <b>Form</b>             | If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0. |
| <b>Molecular Mass</b>   | 29.0 kDa                                                                                                                                                                                                                           |
| <b>AA Sequence</b>      | LPICPSGAVNCQVSLRELFDRVILSHYIHNLSSSEMFNEFDKRYAQGRGFVTKAINSC<br>HTSSLSTPEDKEQAQQIHEDLLNLILRVLRSWNDPLYHLVSEVRGMQEAPAILSK<br>AIEIEEQNRRLLEGMEKIVGQVQPRIKENEVYSVWSGLPSLQMADEDSRLFAFYNNLL<br>HCLRRDSHKIDNYLKLLKCRIVYDSNC                 |
| <b>Purity</b>           | Greater than 85% as determined by SDS-PAGE.                                                                                                                                                                                        |
| <b>Storage</b>          | Store at -20°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.                                                                                                                           |

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

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)     Fax: 1-631-938-8127

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

**Reconstitution**

Reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C.

**GENE INFORMATION**

|                  |                                         |
|------------------|-----------------------------------------|
| <b>Gene Name</b> | PRL prolactin [ <i>Equus caballus</i> ] |
|------------------|-----------------------------------------|

|                        |     |
|------------------------|-----|
| <b>Official Symbol</b> | PRL |
|------------------------|-----|

|                 |                               |
|-----------------|-------------------------------|
| <b>Synonyms</b> | PRL; prolactin; preprolactin; |
|-----------------|-------------------------------|

|                |           |
|----------------|-----------|
| <b>Gene ID</b> | 100034034 |
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|                    |              |
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| <b>mRNA Refseq</b> | NM_001081896 |
|--------------------|--------------|

|                       |              |
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| <b>Protein Refseq</b> | NP_001075365 |
|-----------------------|--------------|

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