# Recombinant Bovine PRLR Protein, His-tagged

**Cat. No.** PRLR-719B **Lot. No.** (See product label)

## SPECIFICATION

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| **Product Overview** | Recombinant Bovine PRLR(Gln25~Asp234) fused with His tag at N-terminal was expressed in E. coli. |
| **Species** | Bovine |
| **Source** | E.coli |
| **ProteinLength** | Gln25~Asp234 |
| **Description** | This gene encodes a receptor for the anterior pituitary hormone, prolactin, and belongs to the type I cytokine receptor family. Prolactin-dependent signaling occurs as the result of ligand-induced dimerization of the prolactin receptor. Several alternatively spliced transcript variants encoding different membrane-bound and soluble isoforms have been described for this gene, which may function to modulate the endocrine and autocrine effects of prolactin in normal tissue and cancer. |
| **Form** | PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300. |
| **Molecular Mass** | 28.13kDa |
| **Endotoxin** | <1.0EU per 1μg (determined by the LAL method) |
| **Purity** | > 99% |
| **Applications** | Positive Control; Immunogen; SDS-PAGE; WB. |

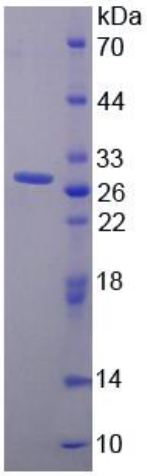
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| | If bio-activity of the protein is needed, please check active protein. |
| **Stability** | The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 centigrade for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition. |
| **Storage** | Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months. |
| **Reconstitution** | Reconstitute in PBS or others. |

## GENE INFORMATION

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| **Gene Name** | PRLR prolactin receptor [ Homo sapiens ] |
| **Official Symbol** | PRLR |
| **Synonyms** | HPRL; MFAB; hPRLrI |
| **Gene ID** | 5618 |
| **mRNA Refseq** | NM_000949 |
| **Protein Refseq** | NP_000940 |
| **UniProt ID** | Q28172 |

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15% SDS-PAGE

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