

Recombinant Bovine PRLR Protein, His-tagged

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

SPECIFICATION

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 1g (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

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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