

Recombinant Pig PRL Protein, His-tagged

Cat. No. PRL-1192P **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Pig PRL Protein (Leu31-Cys229) with His tag was expressed in E. coli.
Species	Pig
Source	E.coli
ProteinLength	Leu31-Cys229
Description	This gene encodes the anterior pituitary hormone prolactin. This secreted hormone is a growth regulator for many tissues, including cells of the immune system. It may also play a role in cell survival by suppressing apoptosis, and it is essential for lactation. Alternative splicing results in multiple transcript variants that encode the same protein.
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 26.7 kDa; Accurate Molecular Mass: 27 kDa
Purity	> 90%
Applications	Positive Control; Immunogen; SDS-PAGE; WB.
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

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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.

Storage Buffer

20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% SKL, 5% Trehalose and Proclin300.

Reconstitution

Reconstitute in 20mM Tris, 150mM NaCl (pH8.0) to a concentration of 0.1-1.0 mg/mL. Do not vortex.

GENE INFORMATION

Gene Name

PRL prolactin [*Sus scrofa* (pig)]

Official Symbol

PRL

Synonyms

PRL; prolactin;

Gene ID

396965

mRNA Refseq

NM_213926

Protein Refseq

NP_999091

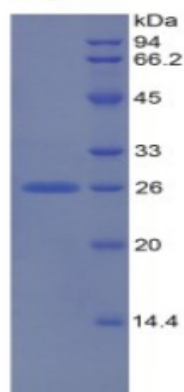
UniProt ID

P01238

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Pig PRL

15% SDS-PAGE

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