

## Recombinant Pig RLN2 Protein, His-tagged

**Cat. No.** RLN2-2672P    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                              |
|-------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Pig RLN Protein (Gln25-Cys182 (Accession # P01348)) with N-His tag was expressed in E. coli.                                                                                                                                                                                                                                     |
| <b>Species</b>          | Pig                                                                                                                                                                                                                                                                                                                                          |
| <b>Source</b>           | E.coli                                                                                                                                                                                                                                                                                                                                       |
| <b>ProteinLength</b>    | Gln25-Cys182 (Accession # P01348)                                                                                                                                                                                                                                                                                                            |
| <b>Description</b>      | Relaxin is an ovarian hormone that acts with estrogen to produce dilatation of the birth canal in many mammals.                                                                                                                                                                                                                              |
| <b>Form</b>             | Freeze-dried powder                                                                                                                                                                                                                                                                                                                          |
| <b>Molecular Mass</b>   | Predicted Molecular Mass: 20.0 kDa                                                                                                                                                                                                                                                                                                           |
| <b>Purity</b>           | > 95%                                                                                                                                                                                                                                                                                                                                        |
| <b>Applications</b>     | Positive Control; Immunogen; SDS-PAGE; WB.                                                                                                                                                                                                                                                                                                   |
| <b>Stability</b>        | 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. |

 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

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|-----------------------|------------------------------------------------------------------------------------------------------------------------------|
| <b>Storage</b>        | Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months. |
| <b>Storage Buffer</b> | PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.                                                      |
| <b>Reconstitution</b> | Reconstitute in PBS or others.                                                                                               |

## GENE INFORMATION

|                        |                                                                                   |
|------------------------|-----------------------------------------------------------------------------------|
| <b>Gene Name</b>       | RLN2 relaxin 2 [ <i>Sus scrofa</i> (pig) ]                                        |
| <b>Official Symbol</b> | RLN2                                                                              |
| <b>Synonyms</b>        | RLXH1; Relaxin H1; Prorelaxin H1; RLN2; relaxin 2; RLN; prorelaxin; preprorelaxin |
| <b>Gene ID</b>         | 396891                                                                            |
| <b>mRNA Refseq</b>     | NM_213872                                                                         |
| <b>Protein Refseq</b>  | NP_999037                                                                         |
| <b>UniProt ID</b>      | P01348                                                                            |

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