

## Recombinant Cattle PIGR protein, His-tagged

**Cat. No.** PIGR-1469C    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                                                             |
|-------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Cattle PIGR aa. (Pro461~Ala560) fused with N-terminal His tag was produced in E. coli cells.                                                                                                                                                    |
| <b>Species</b>          | Cattle                                                                                                                                                                                                                                                      |
| <b>Source</b>           | E.coli                                                                                                                                                                                                                                                      |
| <b>ProteinLength</b>    | Pro461~Ala560                                                                                                                                                                                                                                               |
| <b>Form</b>             | Freeze-dried powder                                                                                                                                                                                                                                         |
| <b>Molecular Mass</b>   | 16kDa as determined by SDS-PAGE reducing conditions.                                                                                                                                                                                                        |
| <b>Endotoxin</b>        | <1.0EU per 1g (determined by the LAL method)                                                                                                                                                                                                                |
| <b>Purity</b>           | >92%                                                                                                                                                                                                                                                        |
| <b>Characteristic</b>   | The isoelectric point is 6.6.                                                                                                                                                                                                                               |
| <b>Applications</b>     | SDS-PAGE; WB; ELISA; IP; CoIP; Purification; Amine Reactive Labeling.                                                                                                                                                                                       |
| <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°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less |

 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

than 5% within the expiration date under appropriate storage condition.

**Storage**

Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.

**Concentration**

200µg/mL

**Storage buffer**

PBS, pH7.4, containing 1mM DTT, 5% trehalose, 0.01% sarcosyl and Proclin300.

**Reconstitution**

Reconstitute in PBS (pH7.4) to a concentration of 0.1-1.0 mg/mL. Do not vortex.

## GENE INFORMATION

**Gene Name**

PIGR polymeric immunoglobulin receptor [ Bos taurus (cattle) ]

**Official Symbol**

PIGR

**Synonyms**

poly-Ig receptor; polymeric immunoglobulin receptor

**Gene ID**

281401

**mRNA Refseq**

NM\_174143.1

**Protein Refseq**

NP\_776568.1

**UniProt ID**

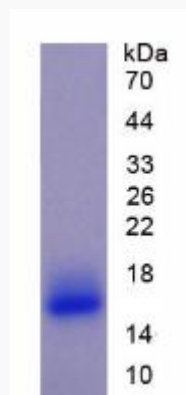
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## SDS-PAGE



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