

## Recombinant Rat Ikbip protein, His & T7-tagged

**Cat. No.** Ikbip-2010R    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                                |
|-------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Rat Ikbip aa. (Ser80~Ile315 (Accession # Q5EAJ6)) fused with N-terminal His & T7 tag was produced in E. coli cells.                                                                                                                                                                                                                |
| <b>Species</b>          | Rat                                                                                                                                                                                                                                                                                                                                            |
| <b>Source</b>           | E.coli                                                                                                                                                                                                                                                                                                                                         |
| <b>ProteinLength</b>    | Ser80~Ile315                                                                                                                                                                                                                                                                                                                                   |
| <b>Form</b>             | Freeze-dried powder                                                                                                                                                                                                                                                                                                                            |
| <b>Molecular Mass</b>   | Predicted Molecular Mass: 30.9kDa                                                                                                                                                                                                                                                                                                              |
| <b>Endotoxin</b>        | <1.0EU per 1ug (determined by the LAL method)                                                                                                                                                                                                                                                                                                  |
| <b>Purity</b>           | >95%                                                                                                                                                                                                                                                                                                                                           |
| <b>Characteristic</b>   | The isoelectric point is 5.                                                                                                                                                                                                                                                                                                                    |
| <b>Applications</b>     | SDS-PAGE; WB; ELISA; IP.                                                                                                                                                                                                                                                                                                                       |
| <b>Stability</b>        | The thermal stability is described by the loss rate of the target protein. 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.<br>(Referring from China Biological Products Standard, which was calculated by the |

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Arrhenius equation.) The loss of this protein is less 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.

**Storage Buffer**

Supplied as lyophilized form in PBS, pH7.4, containing 5% sucrose, 0.01% sarcosyl.

**Reconstitution**

Reconstitute in sterile PBS, pH7.2-pH7.4.

## GENE INFORMATION

**Gene Name**

[Ikbip IKBKB interacting protein \[ Rattus norvegicus \(Norway rat\) \]](#)

**Official Symbol**

[Ikbip](#)

**Synonyms**

Ptprz1; protein tyrosine phosphatase, receptor type Z, polypeptide 1; Ptpz; Ptprz; RPTPz; PTPbeta; PTPzeta; AI850339; DSD-1-PG; Rptpbeta; R-PTP-zeta; receptor-type tyrosine-protein phosphatase zeta; 3F8 chondroitin sulfate proteoglycan; 3H1 keratan sulfate proteoglycan; phosphacan; protein tyrosine phosphate, receptor type, Z

**Gene ID**

[314730](#)

**mRNA Refseq**

[NM\\_001009430.2](#)

**Protein Refseq**

[NP\\_001009430.2](#)

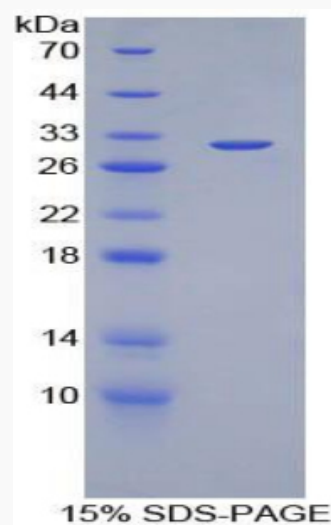
**UniProt ID**

[Q5EAJ6](#)

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SDS-PAGE