

## Recombinant Rat Igfbp5 protein, His-tagged

Cat. No. Igfbp5-7988R Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Rat Igfbp5 aa. (His25~Glu271 (Accession # P24594)) fused with N-terminal His tag was produced in E. coli cells.
<b>Species</b>	Rat
<b>Source</b>	E.coli
<b>ProteinLength</b>	His25~Glu271
<b>Form</b>	Freeze-dried powder
<b>Molecular Mass</b>	29 kDa as determined by SDS-PAGE reducing conditions.
<b>Endotoxin</b>	<1.0EU per 1ug (determined by the LAL method)
<b>Purity</b>	>95%
<b>Characteristic</b>	The isoelectric point is 8.5.
<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. (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 liquid form in Phosphate buffered saline(PBS), pH 7.4.

**Reconstitution**

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

## GENE INFORMATION

**Gene Name**

[lgfbp5 insulin-like growth factor binding protein 5 \[ Rattus norvegicus \(Norway rat\) \]](#)

**Official Symbol**

[lgfbp5](#)

**Synonyms**

IGF-BP5; IBP-5; IGF-binding protein 5; IGFBP-5; insulin-like growth factor-binding protein 5

**Gene ID**

[25285](#)

**mRNA Refseq**

[NM\\_012817.1](#)

**Protein Refseq**

[NP\\_036949.1](#)

**UniProt ID**

[P24594](#)

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