

## Recombinant Rat Igfbp2 protein, His & S-tagged

**Cat. No.** Igfbp2-826R    **Lot. No.** (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Rat Igfbp2 aa. (Glu35~Gln304 (Accession # P12843)) fused with N-terminal His & S tag was produced in E. coli cells.
<b>Species</b>	Rat
<b>Source</b>	E.coli
<b>ProteinLength</b>	Glu35~Gln304
<b>Description</b>	Protein that binds to Igf-I and Igf-II.
<b>Form</b>	Freeze-dried powder
<b>Molecular Mass</b>	35 kDa as determined by SDS-PAGE reducing conditions.
<b>Endotoxin</b>	<1.0EU per 1g (determined by the LAL method)
<b>Purity</b>	> 95%
<b>Characteristic</b>	The isoelectric point is 6.4.
<b>Applications</b>	SDS-PAGE; WB; ELISA; IP
<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,

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and no obvious degradation and precipitation were observed. The loss rate 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% trehalose, 0.01% sarcosyl

**Reconstitution**

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

## GENE INFORMATION

**Gene Name**

Igfbp2 insulin-like growth factor binding protein 2 [ *Rattus norvegicus* (Norway rat) ]

**Official Symbol**

Igfbp2

**Synonyms**

Igfbp2; insulin-like growth factor binding protein 2; IBP-2; BRL-BP; IGFBP-2; ILGFBPA; insulin-like growth factor-binding protein 2; IGF-binding protein 2

**Gene ID**

25662

**mRNA Refseq**

NM\_013122.2

**Protein Refseq**

NP\_037254.2

**UniProt ID**

P12843

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