

## Recombinant Pig IGFBP3 protein, His & T7-tagged

Cat. No. IGFBP3-830P Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Pig IGFBP3 aa. (Ser140~Gly271 (Accession # P16611)) fused with N-terminal His & T7 tag was produced in E. coli cells.
<b>Species</b>	Pig
<b>Source</b>	E.coli
<b>ProteinLength</b>	Ser140~Gly271
<b>Form</b>	Freeze-dried powder
<b>Molecular Mass</b>	20&22kDa 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 9.1.
<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, and no obvious degradation and precipitation were observed. The loss rate is less

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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 20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% sarcosyl, 5% trehalose, and preservative.

**Reconstitution**

Reconstitute in sterile ddH<sub>2</sub>O.

## GENE INFORMATION

**Gene Name**

IGFBP3 insulin like growth factor binding protein 3 [ *Sus scrofa* (pig) ]

**Official Symbol**

IGFBP3

**Synonyms**

IGFBP3; IGFBP-3; insulin-like growth factor-binding protein 3; IBP-3; IGF-binding protein 3

**Gene ID**

448812

**mRNA Refseq**

NM\_001005156.1

**Protein Refseq**

NP\_001005156.1

**UniProt ID**

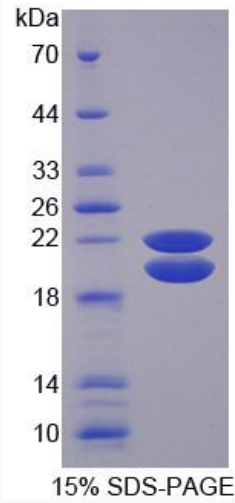
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**SDS-PAGE**



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