

Recombinant Pig IGFBP3 protein, His & T7-tagged

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

SPECIFICATION

Product Overview	Recombinant Pig IGFBP3 aa. (Ser140~Gly271 (Accession # P16611)) fused with N-terminal His & T7 tag was produced in E. coli cells.
Species	Pig
Source	E.coli
ProteinLength	Ser140~Gly271
Form	Freeze-dried powder
Molecular Mass	20&22kDa as determined by SDS-PAGE reducing conditions
Endotoxin	<1.0EU per 1g (determined by the LAL method)
Purity	> 95%
Characteristic	The isoelectric point is 9.1.
Applications	SDS-PAGE; WB; ELISA; IP
Stability	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 ddH₂O.

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

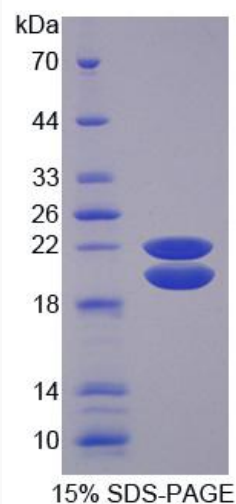
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SDS-PAGE



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