Recombinant Cattle IGFBP3 protein, His & T7-tagged

Cat. No. IGFBP3-827C **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Cattle IGFBP3 aa. (Leu106~Asp241 (Accession # P20959)) fused with N-terminal His & T7 tag was produced in E. coli cells.
Species	Cattle
Source	E.coli
ProteinLength	Leu106~Asp241
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 18.7kDa
Endotoxin	<1.0EU per 1μg (determined by the LAL method)
Purity	> 95%
Characteristic	The isoelectric point is 7.9.
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 than 5% within the expiration date under appropriate storage condition.

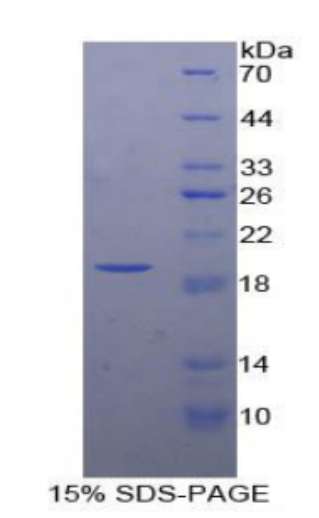
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Storage	Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.
Storage buffer	Supplied as lyophilized form in PBS, pH7.4, containing 5% trehalose, 0.01% sarcosyl
Reconstitution	Reconstitute in sterile PBS, pH7.2-pH7.4

GENE INFORMATION

Gene Name	IGFBP3 insulin like growth factor binding protein 3 [Bos taurus (cattle)]
Official Symbol	IGFBP3
Synonyms	IGFBP3; IGFBP-3; insulin-like growth factor-binding protein 3; IBP-3; IGF-binding protein 3; Insulin like growth factor binding protein-3
Gene ID	282261
mRNA Refseq	NM_174556.1
Protein Refseq	NP_776981.1
UniProt ID	P20959

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SDS-PAGE	 15% SDS-PAGE

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