

Recombinant Cattle IGFBP3 protein, His & T7-tagged

IGFBP3-827C Cattle

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.
Source	E. coli
Species	Cattle
Tag	His & T7
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 18.7kDa
Protein length	Leu106~Asp241 (Accession # P20959)
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.
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

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mRNA Refseq [NM_174556.1](#)

Protein Refseq [NP_776981.1](#)

UniProt ID [P20959](#)

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