

Recombinant Cattle IGFBP1 protein, His & T7-tagged

Cat. No. IGFBP1-820C **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Cattle IGFBP1 aa. (Asp112~Asn263 (Accession # P24591)) fused with N-terminal His & T7 tag was produced in E. coli cells.
Species	Cattle
Source	E.coli
ProteinLength	Asp112~Asn263
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 21.3kDa
Endotoxin	<1.0EU per 1g (determined by the LAL method)
Purity	> 95%
Characteristic	The isoelectric point is 6.
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

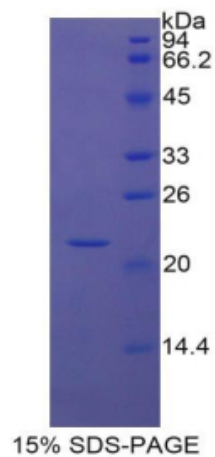
Gene Name	IGFBP1 insulin like growth factor binding protein 1 [Bos taurus (cattle)]
Official Symbol	IGFBP1
Synonyms	IGFBP1; insulin-like growth factor-binding protein 1; IBP-1; IGF-binding protein 1; IGFBP-1; bIGFBP-1
Gene ID	282259
mRNA Refseq	NM_174554.3
Protein Refseq	NP_776979.2
UniProt ID	P24591

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SDS-PAGE



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