

Recombinant Cattle IGFBP1 protein, His & T7-tagged

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

SPECIFICATION

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| 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

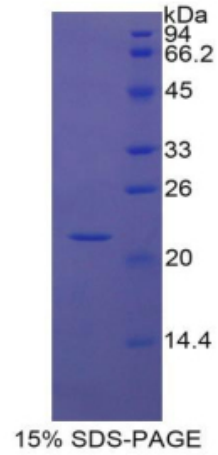
| | |
|------------------------|---|
| Gene Name | IGFBP1 insulin like growth factor binding protein 1 [Bos taurus (cattle)] |
| Official Symbol | IGFBP1 |
| Synonyms | IGFBP1; insulin-like growth factor-binding protein 1; IBP-1; IGF-binding protein 1; IGFBP-1; bIGFBP-1 |
| Gene ID | 282259 |
| mRNA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

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SDS-PAGE



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