

Recombinant Pig IGFBP1 protein, His & T7-tagged

Cat. No. IGFBP1-823P Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Pig IGFBP1 aa. (Glu112~Asn262 (Accession # Q75ZP3)) fused with N-terminal His & T7 tag was produced in E. coli cells.
Species	Pig
Source	E.coli
ProteinLength	Glu112~Asn262
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 21.2kDa
Endotoxin	<1.0EU per 1g (determined by the LAL method)
Purity	> 95%
Characteristic	The isoelectric point is 6.4.
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 [<i>Sus scrofa</i> (pig)]
Official Symbol	IGFBP1
Synonyms	IGFBP1; IBP-1; IGFBP-1; insulin-like growth factor-binding protein 1; IGF-binding protein 1
Gene ID	397270
mRNA Refseq	NM_001195105.1
Protein Refseq	NP_001182034.1
UniProt ID	Q75ZP3

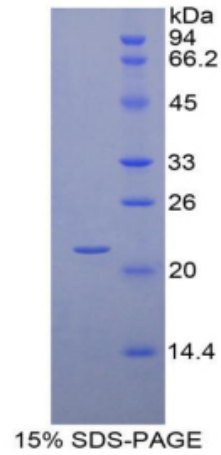
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SDS-PAGE



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