

Recombinant Rat Igfbp4 protein, His & T7-tagged

Cat. No. Igfbp4-835R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rat Igfbp4 aa. (Asp22~Glu254 (Accession # P21744)) fused with N-terminal His & T7 tag was produced in E. coli cells.
Species	Rat
Source	E.coli
ProteinLength	Asp22~Glu254
Description	May be involved in prolonging the half-life of the insulin growth factor.
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 29.6kDa
Endotoxin	<1.0EU per 1g (determined by the LAL method)
Purity	> 95%
Characteristic	The isoelectric point is 7.
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,

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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

Igfbp4 insulin-like growth factor binding protein 4 [*Rattus norvegicus* (Norway rat)]

Official Symbol

Igfbp4

Synonyms

Igfbp4; insulin-like growth factor binding protein 4; IBP4; IGF-BP4; insulin-like growth factor-binding protein 4; IBP-4; IGF-binding protein 4; IGFBP-4

Gene ID

360622

mRNA Refseq

NM_001004274.2

Protein Refseq

NP_001004274.1

UniProt ID

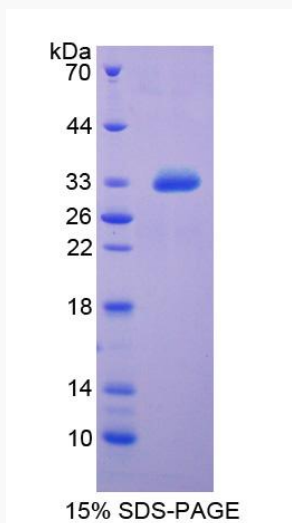
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SDS-PAGE



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