

Recombinant Rat Igfbp3 protein, His-tagged

Cat. No. Igfbp3-831R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rat Igfbp3 aa. (Asn137~Pro274) fused with N-terminal His tag was produced in E. coli cells.
Species	Rat
Source	E.coli
ProteinLength	Asn137~Pro274
Description	An insulin growth factor (Igf) binding protein; involved in modulating IGF-I action.
Form	Freeze-dried powder
Molecular Mass	21kDa as determined by SDS-PAGE reducing conditions
Endotoxin	<1.0EU per 1g (determined by the LAL method)
Purity	> 92%
Characteristic	The isoelectric point is 9.
Applications	SDS-PAGE; WB; ELISA; IP; CoIP; Purification; Amine Reactive Labeling
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,

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

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.
Concentration	200µg/mL
Storage buffer	PBS, pH7.4, containing 1mM DTT, 5% trehalose, 0.01% sarcosyl and Proclin300
Reconstitution	Reconstitute in PBS (pH7.4) to a concentration of 0.1-1.0 mg/mL. Do not vortex.

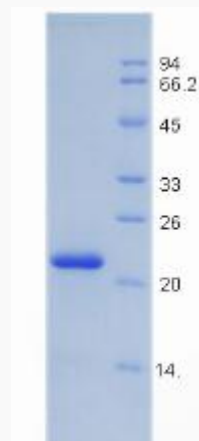
GENE INFORMATION

Gene Name	Igfbp3 insulin-like growth factor binding protein 3 [Rattus norvegicus (Norway rat)]
Official Symbol	Igfbp3
Synonyms	Igfbp3; IGF-BP3; insulin-like growth factor-binding protein 3; IBP-3; IGF-binding protein 3; IGFBP-3; insulin-like growth factor-binding protein (IGF-BP3)
Gene ID	24484
mRNA Refseq	NM_012588.2
Protein Refseq	NP_036720.2
UniProt ID	P15473

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

SDS-PAGE

Tel: 1-631-559-9269 1-516-512-3133

Email: info@creative-biomart.com Fax: 1-631-938-8127

45-1 Ramsey Road, Shirley, NY 11967, USA