

Recombinant Rat Igfbp1 protein, His-SUMO-tagged

Cat. No. Igfbp1-3084R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rat Igfbp1 protein(P21743)(26-272aa), fused to N-terminal His tag and SUMO tag, was expressed in E. coli.
Species	Rat
Source	E.coli
ProteinLength	26-272aa
Form	If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.
Molecular Mass	42.9 kDa
AA Sequence	APQPWHCAPCTAERLELCPPVPASCPEISRPAGCGCCPTCALPLGAACGVATARCA QGLSCRALPGEPRPLHALTRGQGACVLEPAAPATSSLSGSQHEEAKAAVASEDELA ESPEMTEEQLLDSFHLMAPSREDQPILWNAISTYSSMRAREITDLKKWKEPCQRELY KVLERLAAAQQKAGDEIYKFYLPNCNKNNGFYHSKQCETSLDGEAGLCWCVYPWSG KKIPGSLETRGDPNCHQYFNVQN
Purity	Greater than 90% as determined by SDS-PAGE.
Storage	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid

 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

repeated freeze-thaw cycles.

Reconstitution

Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%.

GENE INFORMATION

Gene Name

[lgfbp1 insulin-like growth factor binding protein 1 \[Rattus norvegicus \]](#)

Official Symbol

[lgfbp1](#)

Synonyms

IGFBP1; insulin-like growth factor binding protein 1; insulin-like growth factor-binding protein 1; IBP-1; IGFBP-1; placental protein 12; IGF-binding protein 1; IBP1; IGFBP; IGF-BP25;

Gene ID

[25685](#)

mRNA Refseq

[NM_013144](#)

Protein Refseq

[NP_037276](#)

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