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 KVLERLAAAQQKAGDEIYKFYLPNCNKNGFYHSKQCETSLDGEAGLCWCVYPWSG 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

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	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	Igfbp1 insulin-like growth factor binding protein 1 [Rattus norvegicus]
Official Symbol	Igfbp1
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; IGFBA; IGF-BP25;
Gene ID	25685
mRNA Refseq	NM_013144
Protein Refseq	NP_037276

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