Recombinant Rat Insulin-like growth factor-binding protein 3 (Igfbp3)

Product Code	CSB-BP011097RA
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	P15473
Product Type	Recombinant Protein
Immunogen Species	Rattus norvegicus (Rat)
Purity	≥85% (SDS-PAGE)
Sequence	GAG AVGAGPVVRC EPCDARALAQ CAPPPTAPAC TELVREPGCG CCLTCALREG DACGVYTERC GTGLRCQPRP AEQYPLKALL NGRGFCANAS AASNLSAYLP SQPSPGNTTE SEEDHNAGSV ESQVVPSTHR VTDSKFHPLH SKMEVIIKGQ ARDSQRYKVD YESQSTDTQN FSSESKRETE YGPCRREMED TLNHLKFLNV LSPRGVHIPN CDKKGFYKKK QCRPSKGRKR GFCWCVDKYG QPLPGYDTKG KDDVHCLSVQ SQ
Source	Baculovirus
Target Names	Igfbp3
Protein Names	Recommended name: Insulin-like growth factor-binding protein 3 Short name= IBP-3 Short name= IGF-binding protein 3 Short name= IGFBP-3
Expression Region	28-292
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	Tag type will be determined during the manufacturing process.
Protein Length	Full Length of Mature Protein
Target Details	This gene is a member of the insulin-like growth factor binding protein (IGFBP) family and encodes a protein with an IGFBP domain and a thyroglobulin type-I domain. The protein forms a ternary complex with insulin-like growth factor acid-labile subunit (IGFALS) and either insulin-like growth factor (IGF) I or II. In this form, it circulates in the plasma, prolonging the half-life of IGFs and altering their interaction with cell surface receptors. Alternate transcriptional splice variants, encoding different isoforms, have been characterized.
Reconstitution	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. 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%. Customers could use it as reference.
Shelf Life	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life

of lyophilized form is 12 months at -20°C/-80°C.